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PRIME CONTRACT AWARDS

by

SERVICE CATEGORY

and

**FEDERAL SUPPLY
CLASSIFICATION**Fiscal Years 1990, 1989,
1988 and 1987DSD
WASHINGTON HEADQUARTERS SERVICESDTIC
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PRIME CONTRACT AWARDS BY SERVICE CATEGORY AND FEDERAL SUPPLY CLASSIFICATION

Fiscal Years 1990, 1989, 1988, and 1987

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FOREWORD

This report is published annually. It presents data on Department of Defense (DoD) prime contract awards by Service Category and Federal Supply Classification (FSC) code for fiscal years 1987 through 1990. Data include statistics on both military functions of the DoD and civil functions of the U.S. Army Corps of Engineers.

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INTRODUCTION

This report includes summary data on Department of Defense (DoD) prime contract awards over \$25,000 by Service Category and Federal Supply Classification (FSC) for four Fiscal Years (FY), FY 1990, FY 1989, FY 1988, and FY 1987. These are displayed in Tables 1, 2, and 3. Only the current fiscal year data are displayed in Table 4. Awards of \$25,000 or less are covered in Exhibits A and B, which are discussed along with Exhibits C through F in the "HIGHLIGHTS" section of this introduction.

Table 1 - This table covers awards for Research, Development, Test, and Evaluation (RDT&E) services. Data are displayed according to DoD procurement program categories.

Table 2 - Data on awards for Other Services and Construction are provided in Table 2, arrayed according to Federal Procurement Data System codes and descriptions. This structure, which covers all non-RDT&E services, is composed of 23 groups and approximately 1500 individual classes. Some of the groups which are shown in Table 2 include Construction of Structures and Facilities, Operation of Government-Owned Facilities, Lease or Rental of Equipment, and Utilities and Housekeeping Services. This system, now employed as a federal requirement, was originally developed for the purpose of reporting the procurement of services other than RDT&E.

Zero amounts in any given fiscal year in Table 2 indicate that one of three possibilities exist: 1) no data was reported, 2) no data existed (as with codes "B", "C", and "D" which did not exist prior to FY 1989, for example), or 3) no code existed (for example, the "R5" series codes were migrated to the "B5" series beginning in FY 1989. For a complete list of codes which were migrated between FY 1988 and FY 1989, refer to the "FORWARD" section of last year's publication.

Table 3 - This table contains data on awards for Supplies and Equipment, presented according to the appropriate FSC code and description. This structure is composed of 78 groups and approximately 740 individual classes. This system was developed primarily for supply management of items known to be in the supply system of the Federal government. Definitions of the classes appear in the *Cataloging Handbook, Federal Supply Classification, Part I, "Groups and Classes," H2-1*, which may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Table 4 - This table shows only current fiscal year data by DoD Component for each of the FSCs displayed by category in Tables 1, 2, and 3 above. DoD Components include the Army, Navy, and Air Force, as well as the Defense Logistics Agency (DLA), the Office of the Chief of Engineers (OCE), and the Other Defense Agencies (ODAs), such as the Defense Communications Agency or the Defense Mapping Agency.

While there are many similarities between the FSC codes used in this publication and the Standard Industrial Classification Codes (SIC) used by the Census Bureau of the Department of Commerce, discrepancies in the reporting of the two codes exist between the two departments. For example, in many Census Bureau reports, SIC data are categorized by the primary product of the establishment, whereas DoD categorizes all products produced by the establishment for DoD. Additionally, the Census Bureau reports in calendar years, whereas DoD reports in fiscal years. Lastly, DoD credits its obligations in the fiscal year in which the obligation occurred, whereas the Census Bureau credits its obligations in the calendar year when the product gets produced or shipped.

DATA CHARACTERISTICS

The data presented in this report have the following characteristics:

1. Data cover only prime contracts (those awarded directly by the Department of Defense). The large number of subcontracts awarded for basic and intermediate materials and components are not reflected in this report. As an example, most of the steel plating for ships is purchased by defense prime contractors. Only a small portion is purchased directly by DoD (see code 9515). Similarly, a large dollar amount of electronic equipment is purchased by defense contractors who have received prime contracts for missiles and other weapons systems.
2. Detailed information on procurement actions of \$25,000 or less are not included in Tables 1, 2, 3, and 4 of this report. However, in each of the Fiscal Years 1987 through 1990, from more than \$10 billion to more than \$14 billion (see Exhibit B, page 3) were spent on these small transactions. The exclusion of these procurements (from Tables 1, 2, 3, and 4), therefore, understates the purchase of commercial type items and services and may overemphasize military hard good items, which are normally purchased in large dollar amounts. Due to this exclusion, for example, Subsistence Purchases (FSC Group 89) may be understated.
3. For security reasons, some contracts have been reported with a classification other than the one describing the item purchased. Therefore, data for a number of the Federal Supply Classifications presented may be incomplete.
4. Data categorizing contract awards by Service Category and Federal Supply Classification include awards to all types of contractors. In this respect, the coverage differs from other reports published by WHS/DIOR which provide this type of information only on awards to business firms in the United States.
5. Dollar amounts and percentages in Exhibit A through Exhibit F are computed in thousands of dollars even though they are shown in millions and may not add up due to rounding.

HIGHLIGHTS

Total Procurement

Exhibit A shows total prime contract awards categorized by the major types of business. As this exhibit shows, since FY 1989, total prime contract awards increased by \$5,330 million or 3.8 percent; awards to Business Firms increased by \$3,818 million or 3.2 percent; awards to Educational and Nonprofit Institutions increased by \$258 million or 7.9 percent; awards to Interagency/Foreign Military Sales (FMS) increased by \$385 million or 4.0 percent; and awards for Work Outside the United States increased by \$768 million or 12.0 percent.

Exhibit B shows an increase both in the actions over \$25,000 and the actions of \$25,000 or less since FY 1989. Actions over \$25,000 increased by \$1,800 million or 1.4 percent; the actions of \$25,000 or less increased by \$3,529 million or 34.0 percent.

Type of Effort

Exhibit C provides data on awards over \$25,000 by Type of Effort. As shown in this exhibit, in FY 1990, awards for Supplies and Equipment accounted for 55.1 percent of the total. The balance of the awards came from Other Services and Construction, 27.9 percent, and RDT&E work, 17.1 percent.

Awards for Research, Development, Test, and Evaluation (RDT&E) Category

Exhibit D shows FY 1990 and 1989 RDT&E comparisons by selected subprograms within the DoD claimant programs. The claimant program, "Tanks and Automotive" had the largest dollar decrease for FY 1990; the decrease in this category was \$651 million or 63.9 percent.

Additionally, between FY 1989 and FY 1990 (see page 10, Table 1, Concluded), Research decreased by \$434,893 million or 30.4 percent; Exploratory Development increased by \$232,050 million or 14.7 percent; Other Development decreased by \$269,120 million or 1.4 percent; and Management and Support decreased by \$415,206 million or 33.8 percent. Each procurement categories' share of the total RDT&E for FY 1990 was distributed as follows: Research accounted for 4.4 percent; Exploratory Development, 8.1 percent; Other Development, 83.8 percent; and Management and Support, 3.6 percent.

Other Service and Construction Category

Exhibit E shows the ten service groups with the greatest dollar change from FY 1989 to FY 1990. The group which increased the most for FY 1990 was Group V, "Transportation, Travel, and Relocation Services"; the increase in this group was \$1,408 million or 118.0 percent. Conversely, Group K, "Modification of Equipment" decreased the most, \$456 million or 27.2 percent.

Federal Supply Classification (FSC) Category

Like Exhibit E, Exhibit F also shows a comparison of the ten FSC groups with the greatest dollar change from FY 1989 to FY 1990. The group which increased the most for FY 1990 was Group 15, "Aircraft and Airframe Structural Components"; the increase in this group was \$1,785 million or 16.9 percent. Conversely, Group 14, "Guided Missiles" decreased the most, \$1,945 million or 21.0 percent.

EXHIBIT A

(Dollars in Millions)

Type of Contractor	FISCAL YEAR			
	1990	1989	1988	1987
TOTAL AWARDS 1/	\$ 144,673	\$ 139,343	\$ 151,353	\$ 156,508
Business Firms for Work in the United States	123,821	120,003	130,815	135,340
Educational and Nonprofit Institutions	3,530	3,272	3,469	3,495
Interagency/FMS	9,964	9,579	8,919	8,809
Work Outside the United States	7,149	6,381	8,149	8,863
	Percent of Total			
TOTAL AWARDS	100.0	100.0	100.0	100.0
Business Firms for Work in the United States	85.6	86.1	86.4	86.5
Educational and Nonprofit Institutions	2.4	2.3	2.3	2.2
Interagency/FMS	6.9	6.9	5.9	5.6
Work Outside the United States	4.9	4.6	5.4	5.7

EXHIBIT B

(Dollars in Millions)

Type of Action	FISCAL YEAR			
	1990	1989	1988	1987
TOTAL AWARDS	\$ 144,673	\$ 139,343	\$ 151,353	\$ 156,508
Actions Over \$25,000	130,758	128,958	137,049	142,482
Actions of \$25,000 or less	13,914	10,385	14,303	14,025
	Percent of Total			
TOTAL AWARDS	100.0	100.0	100.0	100.0
Actions Over \$25,000	90.4	92.5	90.5	91.0
Actions of \$25,000 or less	9.6	7.5	9.5	9.0

1/ Commencing in FY 1989, the total includes tariff or regulated acquisitions of \$25,000 or less not included elsewhere in this table.

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EXHIBIT C

(Dollars in Millions)

Type of Effort	FISCAL YEAR			
	1990	1989	1988	1987
TOTAL AWARDS (Over \$25,000)	\$ 130,758	\$ 128,958	\$ 137,049	\$ 142,482
RDT&E	22,319	23,206	22,543	21,809
Other Services and Construction	36,440	33,249	35,982	38,058
Supplies and Equipment	71,999	72,503	78,525	82,615
	Percent of Total			
TOTAL AWARDS (Over \$25,000)	100.0	100.0	100.0	100.0
RDT&E	17.1	18.0	16.4	15.3
Other Services and Construction	27.9	25.8	26.3	26.7
Supplies and Equipment	55.1	56.2	57.3	58.0

EXHIBIT D

(Dollars in Millions)

RDT&E by Clalmant Program	FISCAL YEAR		CHANGE	
	1990	1989	Amount	Percent
RDT&E by Program - Total	\$ 22,319	\$ 23,206	\$ 887-	3.8-
Aircraft	4,364	4,689	325-	6.9-
Missiles & Space Systems	6,865	6,962	98-	1.4-
Ships	501	767	266-	34.7-
Tanks & Automotive	368	1,019	651-	63.9-
Weapons	450	430	20	4.6
Ammunition	697	723	26-	3.6-
Electronics and Communications				
Equipment	3,925	3,744	181	4.8
Services	4,158	3,925	232	5.9
All Other	991	946	45	4.8

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EXHIBIT E

(Dollars in Millions)

C O D E	Service Categories	FISCAL YEAR		CHANGE	
		1990	1989	Amount	Percent
V	Transportation, Travel, & Relocation Svcs	\$ 2,601	\$ 1,193	\$ 1,408	118.0
J	Maintenance, Repair & Rebuilding of Equipment	6,182	4,870	1,312	26.9
K	Modification of Equipment	1,218	1,674	456-	27.2-
G	Social Services	469	130	339	260.6
M	Operation of Govt-Owned Facilities	2,978	2,702	276	10.2
Q	Medical Services	454	300	154	51.3
N	Installation of Equipment	407	328	79	24.2
H	Quality Control, Testing & Inspection Services	412	483	71-	14.7-
U	Education & Training Services	604	537	67	12.4
W	Lease or Rental of Equipment	388	327	61	18.5

EXHIBIT F

(Dollars in Millions)

C O D E	FSC Groups	FISCAL YEAR		CHANGE	
		1990	1989	Amount	Percent
14	Guided Missiles	\$ 7,329	\$ 9,274	\$ 1,945-	21.0-
15	Aircraft & Airframe Structural Components	12,345	10,560	1,785	16.9
58	Communication, Detection, & Coherent Radiation Equipment	9,285	10,246	962-	9.4-
13	Ammunition and Explosives	3,034	2,337	697	29.8
91	Fuels, Lubricants, Oils and Waxes	5,164	4,549	614	13.5
18	Space Vehicles	804	1,259	455-	36.1-
89	Subsistence	1,819	1,463	357	24.4
19	Ships, Sml Cft, Pontoons & Floating Docks	4,767	5,115	349-	6.8-
10	Weapons	1,321	1,016	304	30.0
12	Fire Control Equipment	1,490	1,196	294	24.6

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TABLE 1

Net Value of
Prime Contract Awards Over \$25,000
for Research, Development, Test, and
Evaluation, by Procurement Program:
FY 1990, 1989, 1988, and 1987

TABLE 1. Research, Development, Test and Evaluation

(Amounts in Thousands of Dollars)

PROCUREMENT PROGRAM	FISCAL YEAR			
	1980	1989	1983	1987
AIRFRAMES AND RELATED ASSEMBLIES AND SPARES				
Research	195,558-	3,980	119,992	396,190
Exploratory Development	21,050	29,375	50,544	30,837
Other Development	3,285,274	3,446,724	3,751,588	2,315,889
Management and Support	25,858	21,770	5,677	4,850
TOTAL	3,136,424	3,501,830	3,928,201	2,747,923
AIRCRAFT ENGINES AND RELATED SPARES AND SPARE PARTS				
Research	1,388	4,100	9,826	32,238
Exploratory Development	26,159	24,923	26,604	26,419
Other Development	708,014	765,144	759,182	513,558
Management and Support	3,641	1,387	3,062	2,022
TOTAL	737,202	795,554	797,654	574,236
OTHER AIRCRAFT EQUIPMENT AND SUPPLIES				
Research	3,428	3,288	8,781	8,177
Exploratory Development	34,587	30,573	48,707	45,234
Other Development	440,016	350,748	266,278	178,019
Management and Support	12,645	7,338	5,510	7,405
TOTAL	490,654	391,848	329,259	239,835
TOTAL, AIRCRAFT				
Research	120,744-	11,348	138,582	438,606
Exploratory Development	81,776	84,872	125,255	102,650
Other Development	4,131,304	4,582,617	4,777,028	3,007,455
Management and Support	41,844	30,493	14,249	14,283
TOTAL	4,354,280	4,689,330	5,055,114	3,580,994
MISSILE AND SPACE SYSTEMS				
Research	175,309	259,858	108,418	83,908
Exploratory Development	307,892	330,814	340,228	358,430
Other Development	6,280,888	6,276,742	7,218,380	7,400,823
Management and Support	90,859	94,963	134,815	121,511
TOTAL	6,854,718	6,962,375	7,799,839	7,942,570
SHIPS				
Research	1,010	30	1,527	1,908
Exploratory Development	10,371	13,859	117,280	8,379
Other Development	489,782	753,317	402,774	468,784
Management and Support	197	0	2,216	2,846
TOTAL	501,360	767,206	523,797	481,917
TANK-AUTOMOTIVE				
Research	9,391	12,238	7,882	3,789
Exploratory Development	37,905	39,535	14,363	38,584
Other Development	313,983	966,747	176,064	180,660
Management and Support	6,482	400	0	765-
TOTAL	367,761	1,018,920	198,309	222,268
WEAPONS				
Research	21,104	14,772	10,928	6,598
Exploratory Development	57,185	54,113	76,755	60,110
Other Development	367,148	359,524	420,651	497,689
Management and Support	4,440	1,843	4,374	24,072
TOTAL	449,875	430,252	512,706	588,469

TABLE 1. Research, Development, Test and Evaluation

(Concluded)

(Amounts in Thousands of Dollars)

PROCUREMENT PROGRAM	FISCAL YEAR			
	1990	1989	1988	1987
AMMUNITION				
Research	44,613	58,533	58,515	39,192
Exploratory Development	61,459	55,072	41,363	39,475
Other Development	580,422	597,525	375,702	428,114
Management and Support	10,763	11,876	2,991	2,832
TOTAL	697,257	723,006	478,571	509,613
ELECTRONICS AND COMMUNICATION EQUIPMENT				
Research	187,515	182,379	136,824	161,892
Exploratory Development	326,646	288,687	251,221	279,653
Other Development	3,337,498	3,189,628	3,417,194	4,116,939
Management and Support	73,218	82,854	48,573	78,928
TOTAL	3,924,875	3,743,548	3,853,812	4,637,410
SERVICES				
Research	828,002	803,142	899,680	956,548
Exploratory Development	735,155	542,023	574,420	541,523
Other Development	2,260,681	1,634,570	1,707,757	1,420,590
Management and Support	532,946	945,878	283,029	315,561
TOTAL	4,157,784	3,925,413	3,464,886	3,234,222
ALL OTHER				
Research	116,609	86,404	83,635	59,358
Exploratory Development	195,203	172,357	82,121	97,199
Other Development	625,415	625,549	441,874	442,520
Management and Support	53,774	61,720	47,862	32,429
TOTAL	991,001	946,030	655,492	631,506
TOTAL RDT&E				
Research	993,809	1,428,702	1,443,987	1,729,797
Exploratory Development	1,813,382	1,581,332	1,623,006	1,524,003
Other Development	18,697,099	18,966,219	18,937,424	17,963,574
Management and Support	814,621	1,229,827	538,109	591,695
TOTAL	22,318,911	23,206,080	22,542,526	21,809,069

TABLE 2

**Net Value of
Prime Contract Awards Over \$25,000
for Other Services and Construction,
by Service Code and Description:
FY 1990, 1989, 1988, and 1987**

TABLE 2A. Summary of Other Services and Construction

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
B	Special Studies & Analyses - Not R&D	188,737	155,732	0	0
C	Architect & Engineering Services	1,628,995	2,028,366	0	0
D	Automatic Data Processing & Tele Services	1,501,762	1,064,992	0	0
E	Purchase of Structures and Facilities	135	280	586	91,034
F	Natural Resources and Conservation Svcs	213,669	273,430	34,422	44,776
G	Social Services	469,490	130,201	135,060	14,152
H	Quality Control, Testing & Inspection Services	411,672	482,747	486,691	451,083
J	Maintenance, Repair, & Rebuilding of Equipment	6,182,103	4,870,200	5,081,413	5,433,395
K	Modification of Equipment	1,218,210	1,674,077	1,639,415	1,610,223
L	Technical Representative Services	629,213	687,095	612,542	787,020
M	Operation of Government-Owned Facilities	2,977,877	2,702,251	3,035,740	3,437,609
N	Installation of Equipment	406,944	327,682	255,692	739,551
P	Salvage Services	152,599	95,284	98,004	101,829
Q	Medical Services	454,241	300,204	250,176	133,806
R	Professional, Admin & Management Support Svcs	6,268,530	4,921,052	8,333,941	7,890,118
S	Utilities & Housekeeping Services	3,311,776	2,630,245	3,365,606	3,263,857
T	Photographic, Mapping, Printing & Publication	121,410	134,398	135,238	161,960
U	Education & Training Services	603,505	536,845	758,884	660,890
V	Transportation, Travel & Relocation Svcs	2,601,268	1,193,191	1,938,998	1,970,165
W	Lease or Rental of Equipment	388,057	327,389	514,619	682,389
X	Lease or Rental of Facilities	199,647	130,476	118,309	101,785
Y	Construction of Structures & Facilities	3,472,688	5,165,220	5,741,118	6,134,064
Z	Maintenance, Repair or Alteration of Real	3,037,504	3,417,482	3,445,308	4,348,108
TOTAL	Other Services and Construction	36,440,032	33,248,839	35,981,762	38,057,814

TABLE 2B. Other Services and Construction

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
B	Special Studies & Analyses - Not R&D				
B502	Air Quality Analyses	573	833	0	0
B503	Archeological/Paleontological Studies	3,776	2,593	0	0
B504	Chemical/Biological Studies & Analyses	1,837	2,530	0	0
B505	Cost Benefit Analyses	2,501	3,593	0	0
B506	Data Analyses (Other than Scientific)	1,862	1,783	0	0
B507	Economic Studies	795	168	0	0
B509	Endangered Species Studies - Plant & Animal	1,623	263	0	0
B510	Environmental Studies & Assessments	9,718	5,347	0	0
B513	Feasibility Studies (Non-construction)	3,223	1,126	0	0
B516	Animal & Fisheries Studies	50	243	0	0
B517	Geological Studies	626	36	0	0
B518	Geophysical Studies	93	0	0	0
B519	Geotechnical Studies	325	110	0	0
B521	Historical Studies	810	583	0	0
B522	Legal Studies	836	131	0	0
B524	Mathematical/Statistical Analyses	68	2,637	0	0
B525	Natural Resource Studies	0	312	0	0
B526	Oceanological Studies	1,422	604	0	0
B527	Recreation Studies	31	0	0	0
B529	Scientific Data Studies	1,563	1,411	0	0
B530	Seismological Studies	2,061	2,202	0	0
B532	Soils Studies	244	159	0	0
B533	Water Quality Studies	1,377	672	0	0
B537	Medical & Health Studies	830	1,080	0	0
B538	Intelligence Studies	10,215	2,934	0	0
B539	Aeronautic/Space Studies	618	2,117	0	0
B540	Building Technology Studies	0	660	0	0
B541	Defense Studies	11,646	18,522	0	0
B542	Educational Studies & Analyses	1,893	1,426	0	0
B543	Energy Studies	0	65	0	0
B544	Technology Studies	3,603	5,118	0	0
B545	Housing & Community Development Studies	33	0	0	0
B546	Security Studies (Physical & Personal)	1,946	815	0	0
B547	Accounting/Financial Management Studies	87	393	0	0
B549	Foreign Policy/National Security/Policy Studies	167	322	0	0
B550	Organization/Administrative/Personnel Studies	530	502	0	0
B551	Mobilization/Preparedness Studies	870	454	0	0
B552	Manpower Studies	528	358	0	0
B553	Communications Studies	1,975	50	0	0
B554	Acquisition Policy/Procedures Studies	198	50	0	0
B599	Other Special Studies & Analyses	118,384	93,530	0	0
TOTAL	Special Studies & Analyses - Not R&D	188,737	155,732	0	0
C	Architect & Engineering Services				
C111	Administrative & Service Buildings	21,181	14,792	0	0
C112	Airfield, Communication & Missile Facilities	10,516	41,223	0	0
C113	Educational Buildings	9,426	11,852	0	0
C114	Hospital Buildings	15,266	8,972	0	0
C115	Industrial Buildings	8,223	5,626	0	0
C116	Residential Buildings	18,467	26,872	0	0
C117	Warehouse Buildings	7,692	3,941	0	0
C118	Research & Development Facilities	1,730	3,024	0	0
C119	Other Buildings	49,047	118,085	0	0
C11	Building & Facility Structures	141,548	234,387	0	0
C121	Conservation & Development	1,570	1,660	0	0
C122	Highways, Roads, Streets, & Bridges	2,250	2,607	0	0
C123	Electric Power Generation (EPG)	3,724	7,345	0	0
C124	Utilities	8,884	11,366	0	0
C129	Other Non-Building Structures	21,423	14,334	0	0
C130	Restoration	3,250	2,838	0	0
C12	Non-Building Structures	41,101	40,150	0	0
C1	Architect & Engineering Services - Construction	182,649	274,537	0	0
C211	Architect-Engineering Services (Non-construction)	242,271	266,923	0	0
C212	Engineering Drafting Services	13,716	14,981	0	0
C213	A&E Inspection Services (Non-construction)	5,067	8,360	0	0

TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
	Architect & Engineering Services (CONT)				
C214	R&E Management Engineering Services	137,067	232,223	0	0
C215	R&E Production Engineering Services	96,233	125,015	0	0
C216	Marine Architect - Engineering Services	466,776	744,547	0	0
C219	Other Architect & Engineering Services	485,216	361,780	0	0
C2	Architect & Engineering Services - General	1,446,346	1,753,829	0	0
TOTAL	Architect & Engineering Services	1,628,995	2,028,366	0	0
D	Automatic Data Processing & Tele Services				
D301	ADP Facility Operation & Maintenance Services	148,089	70,326	0	0
D302	ADP Systems Development Services	313,240	239,087	0	0
D303	ADP Data Entry Services	10,125	5,702	0	0
D304	ADP Telecommunications & Transmission Services	52,728	53,572	0	0
D305	ADP Teleprocessing & Timesharing Services	35,422	25,060	0	0
D306	ADP Systems Analysis Services	31,833	20,397	0	0
D307	Automated Info System Design & Integration Svcs	200,498	77,238	0	0
D308	Programming Services	12,086	11,839	0	0
D309	Info & Data Broadcasting or Data Distribution Svcs	1,444	0	0	0
D310	ADP Backup & Security Services	3,746	578	0	0
D311	ADP Data Conversion Services	6,174	1,545	0	0
D312	ADP Optical Scanning Services	2,254	116	0	0
D313	Computer Aided Design/Computer Aided Mfg Services	504	503	0	0
D314	ADP System Acquisition Support Services	63,800	54,674	0	0
D315	Digitizing Services	43	74	0	0
D316	Telecommunication Network Management Services	5,286	13,308	0	0
D317	Automated News Svcs, Data Svcs, or Other Info Svcs	4,693	3,456	0	0
D399	Other ADP & Telecommunication Services	609,797	487,519	0	0
TOTAL	Automatic Data Processing & Tele Services	1,501,762	1,064,992	0	0
E	Purchase of Structures and Facilities				
E111	Purchase/Office Buildings	0	42	0	0
E11	Administrative Facilities & Service Buildings	0	42	0	0
E126	Purchase/Missile System Facilities	0	0	535	0
E12	Airfield, Communications, & Missile Facilities	0	0	535	0
E151	Purchase/Ammunition Facilities	0	170-	0	91,034
E159	Purchase/Other Industrial Buildings	66	0	0	0
E15	Industrial Buildings	66	170-	0	91,034
E169	Purchase/Other Residential Buildings	69	305	0	0
E16	Residential Buildings	69	305	0	0
E1	Construction of Structures & Facilities	135	177	535	91,034
E299	Purchase/All Other Non-Building Facilities	0	103	51	0
E29	Other Non-Building Facilities	0	103	51	0
E2	Non-Building Structures	0	103	51	0
TOTAL	Purchase of Structures and Facilities	135	280	586	91,034
F	Natural Resources and Conservation Svcs				
F001	Aerial Fertilization/Spraying	86	96	179	399
F002	Aerial Seeding	158	0	0	0
F003	Forest/Range Fire Suppression/Presuppression	63	919	840	715
F005	Forest Tree Planting	106	0	130	135

TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Natural Resources and Conservation Svcs (CONT)					
F006	Land Treatment Practices (Plowing, Clearing, etc.)	2,985	277	505	397
F007	Range Seeding (Ground Equipment)	0	0	158	27
F008	Recreation Site Maintenance (Non-Construction)	72	49	32	62
F009	Seed Collection/Production	34	622	717	0
F010	Seedling Production/Transplanting	5,523	38	0	180
F011	Surface Mining Reclamation (Non-Construction)	0	35	0	0
F012	Survey Line Clearing	105	0	0	0
F014	Tree Thinning	185	0	148	171
F015	Well Drilling/Exploratory	945	178-	1,356	70
F018	Other Range/Forest Improvements (Non-Construction)	177	170	139	0
F019	Other Wildlife Management	5,163	490	3,306	4,323
F020	Fisheries Resources Management	30	0	0	0
F021	Site Preparation	37	40	0	0
F099	Other Natural Resources & Conservation Services	23,246	192,759	26,912	38,297
F0	Natural Resources & Conservation Services	38,915	195,317	34,422	44,776
F101	Air Quality Support Services	1,054	0	0	0
F103	Water Quality Support Services	0	1,816	0	0
F104	Surveys & Technical Support Rel to Water Pollution	29	28	0	0
F105	Pesticides Support Services	517	0	0	0
F106	Toxic Substances Support Services	171	50	0	0
F107	Hazardous Substance Analysis	23,399	577	0	0
F108	Hazardous Substance Removal/Cleanup/Disposal Svcs	98,724	27,018	0	0
F109	Leaking Underground Storage Tank Support Services	3,684	297	0	0
F110	Dev of Environ Impact Statements & Assessments	3,737	1,490	0	0
F111	Surveys&Technical Support for Multiple Pollutants	708-	241	0	0
F112	Oil Spill Cleanup, Removal, Disposal & Support	310	138	0	0
F999	Other Environ Svcs, Studies, & Analytical Support	43,837	46,458	0	0
F1	Environmental Systems Protection	174,754	78,113	0	0
TOTAL	Natural Resources and Conservation Svcs	213,669	273,430	34,422	44,776
G Social Services					
G001	Care of Remains and/or Funeral Services	71	0	0	107
G002	Chaplain Services	380	295	391	409
G003	Recreational Services	681	903	799	700
G004	Rehabilitation Services	674	382	1,268	814
G007	Government Health Insurance Programs	461,023	120,508	124,955	0
G008	Other Government Insurance Programs	0	0	1,161	39
G009	Non-Government Insurance Programs	204	109	69-	139
G099	Other Social Services	6,457	8,004	6,555	11,944
TOTAL	Social Services	469,490	130,201	135,060	14,152
H Quality Control, Testing & Inspection Services					
H110	Quality Control Svcs/Weapons	2,050	1,533	368	181
H112	Quality Control Svcs/Fire Control Equipment	716	127	778	13,824
H113	Quality Control Svcs/Ammo & Explosives	0	0	0	29
H114	Quality Control Svcs/Guided Missiles	157,317	242,809	213,343	186,687
H115	Quality Control Svcs/Aircraft Structural Comps	1,103	570	130	0
H116	Quality Control Svcs/Aircraft Comps & Accys	1,307	0	150	0
H118	Quality Control Svcs/Space Vehicles	25,748	0	0	0
H119	Quality Control Svcs/Ships-Sml Craft-Docks	13,610	6,933	5,017	14,652
H120	Quality Control Svcs/Ship & Marine Equipment	5,780	4,057	6,526	2,722
H128	Quality Control Svcs/Engines, Turbines & Comps	0	0	72	0
H141	Quality Control Svcs/Refrigeration, Air Cond Equip	0	0	0	89
H144	Quality Control Svcs/Furnace-Steam Plant-Nucl Reac	59	53	51	49
H145	Quality Control Svcs/Plumbing & Heating Equipment	0	0	149	0
H149	Quality Control Svcs/Maintenance & Repair Shop Eq	0	63	0	0
H158	Quality Control Svcs/Communication Equipment	3,832	4,455	3,909	13,182
H159	Quality Control Svcs/Electrical & Eiect Equip Comps	6,730	9,103	9,510	13,075
H163	Quality Control Svcs/Alarm & Signal Systems	92	0	0	0
H165	Quality Control Svcs/Medical & Dental Equipment	0	0	29	0
H166	Quality Control Svcs/Instruments & Lab Equipment	4,172	2,198	4,747	4,300
H169	Quality Control Svcs/Training Aids & Devices	0	0	107	195
H170	Quality Control Svcs/ADP Equip & Supplies	5,841	4,644	11,397	4,020
H173	Quality Control Svcs/Food Prep & Serving Equip	32	0	0	0

TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Quality Control, Testing & Inspection Services (CONT)					
H179	Quality Control Svcs/Cleaning Equipment	0	0	0	190
H180	Quality Control Svcs/Brushes-Paints-Sealers	36	0	0	0
H191	Quality Control Svcs/Fuels-Lubricants-Oils	0	133	317	190
H195	Quality Control Svcs/Metal Bars & Sheets	0	0	0	75
H199	Quality Control Svcs/Miscellaneous Equipment	3,254	4,705	2,861	215
H1	Quality Control Services	231,679	281,983	259,461	253,675
H210	Equip & Mats Testing/Weapons	3,782	2,621	7,980	5,921
H212	Equip & Mats Testing/Fire Control Equipment	2,238	1,368	8,281	4,454
H213	Equip & Mats Testing/Ammo & Explosives	1,313	44	833	2,057
H214	Equip & Mats Testing/Guided Missiles	18,909	28,879	41,430	22,692
H215	Equip & Mats Testing/Aircraft Structural Comps	20,077	22,735	17,825	7,073
H216	Equip & Mats Testing/Aircraft Comps & Accys	6,776	3,801	6,371	9,182
H217	Equip & Mats Testing/Aircraft Gnd Handling Equip	0	56	37	0
H218	Equip & Mats Testing/Space Vehicles	0	111	62	164
H219	Equip & Mats Testing/Ships-Sml Craft-Docks	1,190	2,667	4,041	2,223
H220	Equip & Mats Testing/Ship & Marine Equipment	714	996	646	1,820
H223	Equip & Mats Testing/Vehicles-Trailers-Cycles	0	108	0	0
H225	Equip & Mats Testing/Vehicular Equipment Comps	0	223	0	0
H226	Equip & Mats Testing/Tires & Tubes	124	0	0	0
H228	Equip & Mats Testing/Engines, Turbines & Comps	1,739	395	189	127
H230	Equip & Mats Testing/Mech Power Trans Equipment	1,798	0	0	51
H232	Equip & Mats Testing/Woodworking Machinery Equip	86	86	0	0
H238	Equip & Mats Testing/Construction Equipment	0	0	255	0
H240	Equip & Mats Testing/Rope, Cable, Chain & Fittings	59	0	458	67
H241	Equip & Mats Testing/Refrigeration, Air Cond Equip	0	46	0	175
H242	Equip & Mats Testing/Fire, Rescue & Safety Equip	2,101	0	0	0
H246	Equip & Mats Testing/Water Purification Equipment	26	0	0	0
H247	Equip & Mats Testing/Pipe-Tubing-Hose-Fittings	0	0	0	119
H252	Equip & Mats Testing/Measuring Tools	299	0	0	0
H254	Equip & Mats Testing/Prefab Structures	99	0	0	0
H258	Equip & Mats Testing/Communication Equipment	34,515	30,954	42,944	43,800
H259	Equip & Mats Testing/Electrical & Elct Equip Comps	14,554	23,111	12,617	7,156
H263	Equip & Mats Testing/Alarm & Signal Systems	74	0	0	0
H266	Equip & Mats Testing/Instruments & Lab Equipment	108	0	1,999	391
H268	Equip & Mats Testing/Chemical Products	29	52	0	0
H269	Equip & Mats Testing/Training Aids & Devices	0	185	0	43
H270	Equip & Mats Testing/ADP Equip & Supplies	2,297	1,891	954	1,362
H284	Equip & Mats Testing/Clothing - Individual	32	0	242	195
H291	Equip & Mats Testing/Fuels-Lubricants-Oils	84	612	151	1,176
H295	Equip & Mats Testing/Metal Bars & Sheets	0	0	81	0
H299	Equip & Mats Testing/Miscellaneous Equipment	1,722	1,618	809	6,283
H2	Equipment & Materials Testing	114,745	122,529	148,205	116,531
H310	Inspection Services/Weapons	126	1,384	1,370	294
H312	Inspection Services/Fire Control Equipment	71	90	123	108
H314	Inspection Services/Guided Missiles	98	191	244	712
H315	Inspection Services/Aircraft Structural Comps	0	627	733	0
H316	Inspection Services/Aircraft Comps & Accys	0	0	150	0
H320	Inspection Services/Ship & Marine Equipment	0	0	0	430
H322	Inspection Services/Railway Equipment	49	45	0	0
H323	Inspection Services/Vehicles-Trailers-Cycles	1,597	0	0	0
H328	Inspection Services/Engines, Turbines & Comps	0	0	94	41
H342	Inspection Services/Fire, Rescue & Safety Equip	52	0	0	0
H344	Inspection Services/Furnace-Stream Plant-Nucl Reac	422	459	218	388
H345	Inspection Services/Plumbing & Heating Equipment	37	0	0	0
H352	Inspection Services/Measuring Tools	0	0	85	0
H358	Inspection Services/Communication Equipment	6,794	5,017	6,275	4,598
H359	Inspection Services/Electrical & Elct Equip Comps	0	0	76	316
H361	Inspection Services/Power Distribution Equipment	0	0	170	0
H363	Inspection Services/Alarm & Signal Systems	0	0	52	0
H366	Inspection Services/Instruments & Lab Equipment	0	0	0	163
H369	Inspection Services/Training Aids & Devices	231	202	0	0
H391	Inspection Services/Fuels-Lubricants-Oils	0	0	0	27
H399	Inspection Services/Miscellaneous Equipment	2,045	1,673	2,057	1,101
H3	Inspection Services	11,522	9,688	11,647	8,178
H910	Other Quality Cntl Svcs/Weapons	27	0	0	0
H920	Other Quality Cntl Svcs/Ship & Marine Equipment	31	0	0	0
H923	Other Quality Cntl Svcs/Vehicles-Trailers-Cycles	43	0	0	0
H999	Other Quality Cntl, Testing & Inspection Services	53,625	68,547	67,378	72,699

TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

CODE	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Quality Control, Testing & Inspection Services (CONT)					
H9	Other Quality Control, Testing & Inspection Svcs	53,726	68,547	67,378	72,699
TOTAL	Quality Control, Testing & Inspection Services	411,672	482,747	486,691	451,083
J Maintenance, Repair, & Rebuilding of Equipment					
J010	Maint & Repair of Eq/Weapons	19,018	8,575	12,397	39,304
J011	Maint & Repair of Eq/Nuclear Ordnance	1,030	472	2,386	406
J012	Maint & Repair of Eq/Fire Control Equipment	63,752	75,528	148,800	67,590
J013	Maint & Repair of Eq/Ammo & Explosives	1,635	9,149	9,829	13,666
J014	Maint & Repair of Eq/Guided Missiles	163,106	120,521	427,096	352,709
J015	Maint & Repair of Eq/Aircraft Structural Comps	1,049,964	1,067,392	937,764	1,474,304
J016	Maint & Repair of Eq/Aircraft Comps & Accys	131,134	155,508	202,430	198,356
J017	Maint & Repair of Eq/Aircraft Gnd Handling Equip	26,963	24,783	39,334	47,923
J018	Maint & Repair of Eq/Space Vehicles	1,746	28	209	1,908
J019	Maint & Repair of Eq/Ships-Sml Craft-Docks	1,791,789	784,550	1,178,504	1,148,039
J020	Maint & Repair of Eq/Ship & Marine Equipment	49,904	29,921	26,854	19,852
J022	Maint & Repair of Eq/Railway Equipment	2,963	2,841	2,589	1,809
J023	Maint & Repair of Eq/Vehicles-Trailers-Cycles	35,650	28,256	35,968	36,515
J024	Maint & Repair of Eq/Tractors	1,994	1,923	998	1,216
J025	Maint & Repair of Eq/Vehicular Equipment Comps	2,808	2,104	1,513	1,331
J026	Maint & Repair of Eq/Tires & Tubes	780	1,090	696	1,817
J028	Maint & Repair of Eq/Engines, Turbines & Comps	127,473	195,971	217,514	164,358
J029	Maint & Repair of Eq/Engine Accessories	5,290	5,086	12,271	18,670
J030	Maint & Repair of Eq/Mech Power Trans Equipment	739	1,255	291	437
J031	Maint & Repair of Eq/Bearings	222	344	490	566
J032	Maint & Repair of Eq/Woodworking Machinery Equip	65	0	274	277
J034	Maint & Repair of Eq/Metalworking Machinery	14,863	11,610	15,110	28,405
J035	Maint & Repair of Eq/Service & Trade Equipment	657	633	790	386
J036	Maint & Repair of Eq/Special Industry Machinery	43,969	53,211	28,524	34,351
J037	Maint & Repair of Eq/Agricultural Machinery & Eq	494	1,035	828	2,705
J038	Maint & Repair of Eq/Construction Equipment	2,233	1,721	1,824	1,386
J039	Maint & Repair of Eq/Materials Handling Equipment	4,510	2,958	3,501	1,479
J040	Maint & Repair of Eq/Rope, Cable, Chain & Fittings	123	2,408	1,500	0
J041	Maint & Repair of Eq/Refrigeration, Air Cond Equip	11,980	13,815	11,706	7,866
J042	Maint & Repair of Eq/Fire, Rescue & Safety Equip	440	203	1,790	3,692
J043	Maint & Repair of Eq/Pumps & Compressors	1,806	2,993	2,082	2,458
J044	Maint & Repair of Eq/Furnace-Steam Plant-Nucl Reac	1,532	112,987	1,184	665
J045	Maint & Repair of Eq/Plumbing & Heating Equipment	2,257	2,905	3,489	4,622
J046	Maint & Repair of Eq/Water Purification Equipment	2,024	1,583	1,095	43
J047	Maint & Repair of Eq/Pipe-Tubing-Hose-Fittings	321	211	541	147
J048	Maint & Repair of Eq/Valves	599	872	1,498	1,417
J049	Maint & Repair of Eq/Maintenance & Repair Shop Eq	18,049	20,797	15,213	19,932
J051	Maint & Repair of Eq/Hand Tools	37	0	110	0
J052	Maint & Repair of Eq/Measuring Tools	31	36	475	908
J053	Maint & Repair of Eq/Hardware & Abrasives	292	0	322	410
J054	Maint & Repair of Eq/Prefab Structures	112	102	136	397
J056	Maint & Repair of Eq/Construction Materials	811	1,376	311	1,448
J058	Maint & Repair of Eq/Communication Equipment	251,076	245,892	271,456	302,565
J059	Maint & Repair of Eq/Electrical & Elct Equip Comps	136,087	135,500	148,836	169,727
J060	Maint & Repair of Eq/Fiber Optic Mats & Comps	290	73	0	83
J061	Maint & Repair of Eq/Power Distribution Equipment	3,940	2,135	1,793	2,514
J062	Maint & Repair of Eq/Lighting Fixtures & Lamps	82	1,000	30	298
J063	Maint & Repair of Eq/Alarm & Signal Systems	3,354	5,129	2,041	7,614
J065	Maint & Repair of Eq/Medical & Dental Equipment	16,342	12,752	11,152	7,513
J066	Maint & Repair of Eq/Instruments & Lab Equipment	73,830	79,320	60,893	91,590
J067	Maint & Repair of Eq/Photographic Equipment	3,344	3,079	3,565	4,421
J068	Maint & Repair of Eq/Chemical Products	245	0	0	0
J069	Maint & Repair of Eq/Training Aids & Devices	103,756	99,884	58,279	39,409
J070	Maint & Repair of Eq/ADP Equip & Supplies	593,418	682,879	578,973	588,442
J071	Maint & Repair of Eq/Furniture	3,820	1,680	2,388	3,236
J072	Maint & Repair of Eq/Household Furnishings	9,618	18,579	22,285	18,304
J073	Maint & Repair of Eq/Food Prep & Serving Equip	10,085	3,459	4,740	2,887
J074	Maint & Repair of Eq/Office Machines	22,508	14,651	17,721	15,168
J075	Maint & Repair of Eq/Office Supplies & Devices	1,180	677	426	600
J076	Maint & Repair of Eq/Books-Maps-Pubs	388	288	943	0
J077	Maint & Repair of Eq/Musical Instruments-Radio	526	40	69	12,272
J078	Maint & Repair of Eq/Recreational Equipment	0	0	139	76
J079	Maint & Repair of Eq/Cleaning Equipment	468	1,403	1,470	1,353
J080	Maint & Repair of Eq/Brushes-Paints-Sealers	426	207	707	386
J081	Maint & Repair of Eq/Containers-Packaging	700	843	1,565	386

TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Maintenance, Repair, & Rebuilding of Equipment (CONT)					
J083	Maint & Repair of Eq/Textiles-Leather-Furs	1,557	1,055	1,429	1,029
J084	Maint & Repair of Eq/Clothing - Individual	54	349	5,357	2,831
J089	Maint & Repair of Eq/Subsistence	64	113	0	0
J091	Maint & Repair of Eq/Fuels-Lubricants-Oils	426	88-	500	75
J093	Maint & Repair of Eq/Nonmetallic Fabricated Mats	335	236	72	123
J094	Maint & Repair of Eq/Nonmetallic Crude Materials	1,536	552	835	958
J095	Maint & Repair of Eq/Metal Bars & Sheets	502	58	26	263
J096	Maint & Repair of Eq/Ores & Minerals	0	0	1,111	0
J099	Maint & Repair of Eq/Miscellaneous Equipment	741,980	528,148	532,396	470,730
J0	Maintenance, Repair, & Rebuilding of Equipment	5,567,700	4,586,646	5,081,413	5,433,395
J998	Non-nuclear Ship Repair (East)	366,167	113,920	0	0
J999	Non-nuclear Ship Repair (West)	248,236	169,634	0	0
TOTAL	Maintenance, Repair, & Rebuilding of Equipment	6,182,103	4,870,200	5,081,413	5,433,395
K Modification of Equipment					
K010	Modification of Eq/Weapons	1,214	1,386	1,305	3,486
K011	Modification of Eq/Nuclear Ordnance	205-	0	0	0
K012	Modification of Eq/Fire Control Equipment	8,041	1,903	3,489	39,002
K013	Modification of Eq/Ammo & Explosives	0	1,992	7,399	0
K014	Modification of Eq/Guided Missiles	123,100	144,110	103,060	59,425
K015	Modification of Eq/Aircraft Structural Comps	570,474	862,234	923,543	845,259
K016	Modification of Eq/Aircraft Comps & Accys	19,139	88,631	73,717	81,287
K017	Modification of Eq/Aircraft Gnd Handling Equip	4,667	1,997	4,480-	2,670
K018	Modification of Eq/Space Vehicles	0	0	148	0
K019	Modification of Eq/Ships-Sml Craft-Docks	45,685	78,347	56,627	85,414
K020	Modification of Eq/Ship & Marine Equipment	442	27	145	0
K022	Modification of Eq/Railway Equipment	0	64	0	0
K023	Modification of Eq/Vehi s-Trailers-Cycles	67	74	123	50
K024	Modification of Eq/Tractors	0	0	50	0
K025	Modification of Eq/Vehi ular Equipment Comps	0	0	650	1,122
K028	Modification of Eq/Engines, Turbines & Comps	14,663	16,339	11,759	13,606
K029	Modification of Eq/Engine Accessories	9,714	0	2,714	8,613
K034	Modification of Eq/Metalworking Machinery	0	0	485	462
K038	Modification of Eq/Construction Equipment	52	473	0	0
K039	Modification of Eq/Materials Handling Equipment	3,541	2,095	100	0
K041	Modification of Eq/Refrigeration, Air Cond Equip	0	165	194	2,298
K042	Modification of Eq/Fire, Rescue & Safety Equip	0	1,507-	29	0
K043	Modification of Eq/Pumps & Compressors	132	35	741	678
K044	Modification of Eq/Furnace-Steam Plant-Nucl Reac	0	0	0	92
K045	Modification of Eq/Plumbing & Heating Equipment	0	0	0	32
K048	Modification of Eq/Valves	914	0	0	0
K049	Modification of Eq/Maintenance & Repair Shop Eq	54	282	917	10,322
K052	Modification of Eq/Measuring Tools	0	59	0	0
K056	Modification of Eq/Construction Materials	0	0	0	29
K058	Modification of Eq/Communication Equipment	141,040	176,801	142,678	135,196
K059	Modification of Eq/Electrical & Elct Equip Comps	55,170	72,606	62,201	54,993
K060	Modification of Eq/Fiber Optic Mats & Comps	0	66	0	0
K061	Modification of Eq/Power Distribution Equipment	40	764	170	0
K063	Modification of Eq/Alarm & Signal Systems	0	158-	0	0
K066	Modification of Eq/Instruments & Lab Equipment	3,225	2,303	6,434	10,830
K067	Modification of Eq/Photographic Equipment	282	0	315	0
K069	Modification of Eq/Training Aids & Devices	51,971	68,559	63,350	38,971
K070	Modification of Eq/ADP Equip & Supplies	109,843	109,479	119,839	74,460
K072	Modification of Eq/Household Furnishings	0	0	0	180
K081	Modification of Eq/Containers-Packaging	0	0	487	0
K093	Modification of Eq/Nonmetallic Fabricated Mats	500	0	0	0
K095	Modification of Eq/Metal Bars & Sheets	0	0	0	49
K099	Modification of Eq/Miscellaneous Equipment	54,445	44,951	61,226	101,681
TOTAL	Modification of Equipment	1,218,210	1,674,077	1,639,415	1,610,223
L Technical Representative Services					
L010	Tech Rep Svcs/Weapons	1,394	1,823	2,656	6,009
L011	Tech Rep Svcs/Nuclear Ordnance	422	0	0	0
L012	Tech Rep Svcs/Fire Control Equipment	29,458	4,289	19,434	8,390
L013	Tech Rep Svcs/Ammo & Explosives	84	138	195	1,106
L014	Tech Rep Svcs/Guided Missiles	218,197	229,952	137,169	228,362

TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Technical Representative Services (CONT)					
L015	Tech Rep Svcs/Aircraft Structural Comps	54,981	71,668	59,040	89,393
L016	Tech Rep Svcs/Aircraft Comps & Accys	51,554	58,587	60,406	58,022
L017	Tech Rep Svcs/Aircraft Gnd Handling Equip	23	167	1,748	771
L018	Tech Rep Svcs/Space Vehicles	74,646	121,610	105,375	189,858
L019	Tech Rep Svcs/Ships-Sml Craft-Docks	29,261	36,246	56,316	58,513
L020	Tech Rep Svcs/Ship & Marine Equipment	9,179	10,418	10,585	5,781
L022	Tech Rep Svcs/Railway Equipment	0	34	0	0
L023	Tech Rep Svcs/Vehicles-Trailers-Cycles	0	34	0	0
L026	Tech Rep Svcs/Tires & Tubes	132	0	33	0
L028	Tech Rep Svcs/Engines, Turbines & Comps	8,413	11,257	18,815	16,750
L029	Tech Rep Svcs/Engine Accessories	455	334	497	368
L030	Tech Rep Svcs/Mech Power Trans Equipment	0	0	0	35
L031	Tech Rep Svcs/Bearings	222	0	0	0
L041	Tech Rep Svcs/Refrigeration, Air Cond Equip	0	0	0	46
L043	Tech Rep Svcs/Pumps & Compressors	203	0	0	0
L045	Tech Rep Svcs/Plumbing & Heating Equipment	97	0	0	0
L046	Tech Rep Svcs/Water Purification Equipment	26-	0	0	0
L048	Tech Rep Svcs/Valves	66	0	0	0
L049	Tech Rep Svcs/Maintenance & Repair Shop Eq	254	0	355-	2,221
L053	Tech Rep Svcs/Hardware & Abrasives	320	0	0	0
L056	Tech Rep Svcs/Construction Materials	26	0	0	0
L058	Tech Rep Svcs/Communication Equipment	32,525	28,943	31,691	36,464
L059	Tech Rep Svcs/Electrical & Elct Equip Comps	8,123	6,830	8,241	15,791
L060	Tech Rep Svcs/Fiber Optic Mats & Comps	671-	3,937	663	0
L061	Tech Rep Svcs/Power Distribution Equipment	30	0	330	35
L063	Tech Rep Svcs/Alarm & Signal Systems	0	0	2,899	3,186
L065	Tech Rep Svcs/Medical & Dental Equipment	0	253	0	0
L066	Tech Rep Svcs/Instruments & Lab Equipment	2,123	1,043	1,823	298
L067	Tech Rep Svcs/Photographic Equipment	98	47	0	72
L068	Tech Rep Svcs/Chemical Products	1,939-	0	0	0
L069	Tech Rep Svcs/Training Aids & Devices	1,937	160	2,700	324
L070	Tech Rep Svcs/ADP Equip & Supplies	13,006	1,555	2,952	3,700
L071	Tech Rep Svcs/Furniture	32	1,390	0	0
L077	Tech Rep Svcs/Musical Instruments-Radio	1,618	246	0	0
L099	Tech Rep Svcs/Miscellaneous Equipment	92,958	96,134	89,329	61,525
TOTAL	Technical Representative Services	629,213	687,095	612,542	787,020
M Operation of Government-Owned Facilities					
M111	Operation/Office Buildings	17,764	938	8,744	6,668
M119	Operation/Other Administrative & Service Buildings	482,984	101,470	444,194	573,616
M11	Administrative Facilities & Service Buildings	500,748	102,408	452,938	580,284
M121	Operation/Air Traffic Control Towers	3,172	3,102	3,168	2,873
M122	Operation/Air Traffic Control Training Facilities	0	152	1,480	1,309
M123	Operation/Radar & Navigational Facilities	143,712	171,680	194,427	214,861
M124	Operation/Airport Runways	49	186	113-	3,377
M125	Operation/Airport Terminals	5,822	10,418	32,344	12,945
M126	Operation/Missile System Facilities	8,486	6,870	31,290	31,210
M127	Operation/Electronic & Communication Facilities	300,476	287,066	309,070	287,326
M129	Operation/Other Airfield Structures	3,954	3,170	3,475	18,540
M12	Airfield, Communications, & Missile Facilities	465,671	483,544	575,141	572,441
M131	Operation/Schools	2,000	0	777	0
M139	Operation/Other Educational Buildings	428	257	1,622	1,076
M13	Educational Buildings	2,428	257	2,399	1,076
M141	Operation/Hospitals & Infirmarys	160	6,619	740	0
M142	Operation/Laboratories & Clinics	101-	0	0	0
M14	Hospital Buildings	59	6,619	740	0
M151	Operation/Ammunition Facilities	1,119,829	1,226,723	1,060,087	1,291,936
M152	Operation/Maintenance Buildings	148,701	175,627	208,291	206,550
M153	Operation/Production Buildings	0	0	47	371
M155	Operation/Tank-Automotive Facilities	7,031	36,290	20,308	24,047
M159	Operation/Other Industrial Buildings	97,069	32,751	35,634	21,955
M15	Industrial Buildings	1,372,630	1,471,391	1,324,367	1,544,859

TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Operation of Government-Owned Facilities (CONT)					
M161	Operation/Family Housing Facilities	3,544	194	762	1,252
M162	Operation/Recreational Buildings	34	0	26	173
M163	Operation/Troop Housing Facilities	545	121	532	366
M164	Operation/Dining Facilities	559	2,888	2,386	2,311
M169	Operation/Other Residential Buildings	66	253	65	0
M16	Residential Buildings	4,748	3,456	3,771	4,102
M171	Operation/Ammunition Storage Buildings	9,055	10,962	7,998	9,648
M172	Operation/Food or Grain Storage Buildings	0	337	274	274
M173	Operation/Fuel Storage Buildings	29,619	30,771	29,874	25,882
M174	Operation/Open Storage Facilities	0	1,887	3,149	0
M179	Operation/Other Warehouse Buildings	20,500	18,918	41,018	34,836
M17	Warehouse Buildings	59,174	62,875	82,313	70,640
M181	Operation/Govt-Owned Contractor-Operated R&D Fac	239,360	221,145	213,583	195,178
M182	Operation/Govt-Owned Government-Operated R&D Fac	10,677	9,323	1,169	1,301
M18	Research & Development Facilities	250,037	230,468	214,752	196,559
M191	Operation/Museums & Exhibition Buildings	167	74	130	154
M192	Operation/Testing & Measurement Buildings	91,380	96,793	88,723	100,284
M199	Operation/Other Miscellaneous Buildings	160,265	144,031	206,339	223,927
M19	Other Buildings	251,812	240,898	295,192	324,365
M1	Construction of Structures & Facilities	2,907,307	2,601,916	2,951,613	3,294,326
M211	Operation/Dams	120	1,054	2,782	752
M219	Operation/Other Conservation & Dev Facilities	4,181	3,008	5,168	1,716
M21	Conservation & Development Facilities	4,301	4,062	7,950	2,468
M222	Operation/Highways, Roads, Streets, & Bridges	288	0	451	47
M22	Highways, Roads, Streets, & Bridges	288	0	451	47
M239	Operation/EPG - Other, Including Transmission	0	0	130	532
M23	Electric Power Generation (EPG) Facilities	0	0	130	532
M241	Operation/Fuel Supply Facilities	624	799	1,540	1,538
M242	Operation/Heating & Cooling Plants	5,896	4,291	3,692	2,421
M244	Operation/Sewage & Waste Facilities	278	35	235	1,047
M245	Operation/Water Supply Facilities	997	0	93	0
M249	Operation/Other Utilities	1,791	1,065	460	801
M24	Utilities	9,586	6,190	6,020	5,807
M291	Operation/Recreation Facilities (Non-Building)	80	0	0	0
M293	Operation/Unimproved Real Property (Land)	762	709	696	669
M294	Operation/Waste Treatment & Storage Facilities	0	399	0	0
M299	Operation/All Other Non-Building Facilities	55,553	88,975	68,880	133,760
M29	Other Non-Building Facilities	56,395	90,083	69,576	134,429
M2	Non-Building Structures	70,570	100,335	84,127	143,283
TOTAL	Operation of Government-Owned Facilities	2,977,877	2,702,251	3,035,740	3,437,609
N Installation of Equipment					
N010	Installation of Eq/Weapons	15,658	3,413	2,994	4,469
N011	Installation of Eq/Nuclear Ordnance	0	50	0	0
N012	Installation of Eq/Fire Control Equipment	215	636	159	159
N013	Installation of Eq/Ammo & Explosives	0	0	286	25,404
N014	Installation of Eq/Guided Missiles	2,091	57	11,443	468,169
N015	Installation of Eq/Aircraft Structural Comps	76,958	1,194	0	0
N016	Installation of Eq/Aircraft Comps & Accys	14,190	27,464	3,924	816

TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Installation of Equipment (CONT)					
N017	Installation of Eq/Aircraft Gnd Handling Equip	0	0	0	300
N019	Installation of Eq/Ships-Sml Craft-Docks	0	46	2,228	0
N020	Installation of Eq/Ship & Marine Equipment	0	2,920	2,161	2,814
N023	Installation of Eq/Vehicles-Trailers-Cycles	93	0	0	0
N025	Installation of Eq/Vehicular Equipment Comps	0	0	51	84
N028	Installation of Eq/Engines, Turbines & Comps	73	0	69	39
N029	Installation of Eq/Engine Accessories	0	0	0	29
N030	Installation of Eq/Hech Power Trans Equipment	0	114	0	0
N031	Installation of Eq/Bearings	0	0	0	1,700-
N034	Installation of Eq/Metalworking Machinery	28-	128-	0	0
N035	Installation of Eq/Service & Trade Equipment	0	0	31	29
N036	Installation of Eq/Special Industry Machinery	61	414	149	0
N039	Installation of Eq/Materials Handling Equipment	39	173	0	0
N040	Installation of Eq/Rope, Cable, Chain & Fittings	0	0	198	0
N041	Installation of Eq/Refrigeration, Air Cond Equip	364	340	220	995
N042	Installation of Eq/Fire, Rescue & Safety Equip	68	70	0	0
N043	Installation of Eq/Pumps & Compressors	0	30	43	98
N045	Installation of Eq/Plumbing & Heating Equipment	51	0	0	114
N046	Installation of Eq/Water Purification Equipment	47	0	168	0
N048	Installation of Eq/Valves	64	0	0	0
N049	Installation of Eq/Maintenance & Repair Shop Eq	410	1,165	35	9,124
N054	Installation of Eq/Prefab Structures	0	35	0	517
N056	Installation of Eq/Construction Materials	227	0	0	0
N058	Installation of Eq/Communication Equipment	156,249	91,950	108,915	112,755
N059	Installation of Eq/Electrical & Elct Equip Comps	25,536	13,135	18,971	23,695
N060	Installation of Eq/Fiber Optic Mats & Comps	517	502	302	0
N061	Installation of Eq/Power Distribution Equipment	160	263	216	353
N062	Installation of Eq/Lighting Fixtures & Lamps	0	0	36	0
N063	Installation of Eq/Alarm & Signal Systems	1,144	3,152	3,729	783
N065	Installation of Eq/Medical & Dental Equipment	7,343	7,965	88	62
N066	Installation of Eq/Instruments & Lab Equipment	1,508	43	108	3,784
N067	Installation of Eq/Photographic Equipment	100	0	163	0
N069	Installation of Eq/Training Aids & Devices	5,945	1,679	213	182
N070	Installation of Eq/ADP Equip & Supplies	10,954	9,758	3,937	6,311
N071	Installation of Eq/Furniture	1,577	744	1,862	1,759
N072	Installation of Eq/Household Furnishings	139	161	60	246
N073	Installation of Eq/Food Prep & Serving Equip	54	137	0	0
N074	Installation of Eq/Office Machines	62	84-	31	58
N077	Installation of Eq/Musical Instruments-Radio	0	54	0	0
N078	Installation of Eq/Recreational Equipment	267	50	0	51
N093	Installation of Eq/Nonmetallic Fabricated Mats	0	0	100	0
N095	Installation of Eq/Metal Bars & Sheets	111	5,070	0	0
N096	Installation of Eq/Ores & Minerals	0	1,876	4,481	0
N099	Installation of Eq/Miscellaneous Equipment	84,697	153,233	88,321	78,052
TOTAL	Installation of Equipment	406,944	327,682	255,692	739,551
P Salvage Services					
P100	Prep & Disposal of Excess & Surplus Property	99,951	39,628	40,093	39,354
P200	Salvage of Aircraft	0	0	0	484
P300	Salvage of Marine Vessels	527	48	40	149
P400	Demolition of Buildings	10,461	3,483	11,657	9,593
P500	Demolition of Structures or Fac (Other than Bldgs)	6,002	5,267	3,999	3,027
P999	Other Salvage Services	35,658	46,858	42,215	49,222
TOTAL	Salvage Services	152,599	95,284	98,004	101,829
Q Medical Services					
Q101	Dependent Medicare Services	160,781	108,603	130,765	70,589
Q201	General Health Care Services	77,946	67,849	29,598	2,012
Q301	Laboratory Testing Services	26,819	22,075	18,640	14,240
Q401	Nursing Services	46,072	22,158	23,952	13,359
Q403	Evaluation & Screening	113	72	0	0
Q501	Anesthesiology Services	0	168	155	99
Q502	Cardio-Vascular Services	951	152	0	43
Q503	Dentistry Services	15,641	9,737	7,960	2,590
Q504	Dermatology Services	0	0	107	98
Q505	Gastroenterology Services	0	60	63	0
Q506	Geriatric Services	0	109	0	587
Q507	Gynecology	3,988	2,226	2,382	1,279

TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Medical Services (CONT)					
Q508	Hematology Services	102	0	0	199
Q509	Internal Medicine Services	1,420	1,097	472	207
Q510	Neurology Serv Jes	87	36	160	149
Q512	Optometry Services	91	61	109	105
Q513	Orthopedic Services	971	715	318	1,140
Q514	Otolaryngology Services	46	62	0	83
Q515	Pathology Services	4,164	4,046	2,269	2,662
Q516	Pediatric Services	842	1,034	671	517
Q517	Pharmacology Services	6,074	1,451	749	633
Q518	Physical Medicine & Rehabilitation Services	27	74	16	329
Q519	Psychiatry Services	4,773	1,672	349	56
Q521	Pulmonary Services	491	244	0	95
Q522	Radiology Services	17,581	13,517	11,382	5,308
Q523	Surgery Services	415	844	1,577	1,567
Q524	Thoracic Services	0	371	0	279
Q525	Urology Services	0	42	136	125
Q526	Medical/Psychiatric Consultation Services	1,697	1,202	154	278
Q527	Nuclear Medicine	0	214	0	0
Q999	Other Medical Services	83,149	40,313	18,192	15,178
TOTAL	Medical Services	454,241	300,204	250,176	133,806
R Professional, Admin & Management Support Svcs					
R111	A&E Const/Bldgs & Fac/Admin & Svc Bldgs	0	0	21,589	22,265
R112	A&E Const/Bldgs & Fac/Airfield, Msl & Comm	0	0	19,989	31,246
R113	A&E Const/Bldgs & Fac/Educational Bldgs	0	0	8,990	11,026
R114	A&E Const/Bldgs & Fac/Hospital Buildings	0	0	11,097	25,640
R115	A&E Const/Bldgs & Fac/Industrial Bldgs	0	0	22,280	11,103
R116	A&E Const/Bldgs & Fac/Residential Bldgs	0	0	22,607	24,127
R117	A&E Const/Bldgs & Fac/Warehouse Bldgs	0	0	5,512	5,965
R118	A&E Const/Bldgs & Fac/R&D Facilities	0	0	1,270	2,616
R119	A&E Const/Bldgs & Fac/Other Buildings	0	0	108,105	122,972
R11	A&E Construction/Bldg & Fac Structures	0	0	221,439	256,960
R121	A&E Const/Nbs/Conservation & Dev	0	0	3,510	3,701
R122	A&E Const/Nbs/Hwys, Streets & Bridges	0	0	3,286	4,426
R123	A&E Const/Nbs/Electric Power Generation	0	0	3,953	2,838
R124	A&E Const/Nbs/Utilities	0	0	17,157	29,470
R129	A&E Const/Nbs/Other	0	0	18,830	34,270
R12	A&E Const/Non-Bldg Structures (Nbs)	0	0	46,736	74,705
R1 Architect & Engineer (A&E) Construction					
R211	A&E/Architect-Engineer Svcs (Non-Const)	0	0	292,744	329,492
R212	A&E/Engineer Drafting Services	0	0	23,476	14,634
R213	A&E/A&E Inspection Services (Non-Const)	0	0	10,469	11,484
R214	A&E/A&E Management Engineering Services	0	0	315,556	246,248
R215	A&E/A&E Production Engineering Services	0	0	387,718	622,052
R216	A&E/Marine Architect - Engineering Svcs	0	0	476,078	560,422
R219	A&E/Other Architect and Engineering Svcs	0	0	431,483	437,108
R2 Architect & Engineer (A&E) Svcs-General					
R301	ADP Facility Management	0	0	60,715	44,219
R302	ADP Systems Development and Programming	0	0	286,354	318,678
R303	ADP Entry	0	0	17,635	10,349
R304	ADP Transmission	0	0	333	2,311
R305	ADP Teleprocessing	0	0	20,423	40,242
R306	ADP Systems Analysis	0	0	20,397	32,823
R307	ADP Automated Information System Services	0	0	113,122	83,905
R399	Other ADP Services	0	0	673,650	616,189
R3 Automatic Data Processing (ADP) Services					
R404	Land Surveys, Cadastral Services (Non-Const)	15,518	9,885	13,278	28,320
R405	Operations Research Services	11,185	10,588	3,302	6,971
R406	Policy Review/Development Services	5,592	1,576	7,054	31,467
R407	Program Evaluation Services	30,840	38,874	31,968	33,620
R408	Program Management/Support Services	826,375	496,085	449,670	381,388

TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Professional, Admin & Management Support Svcs (CONT)					
R409	Program Review/Development Services	49,647	47,970	49,405	47,946
R411	Real Property Appraisal Services (SIC 6531)	1,353	109	483	5,545
R412	Simulation	13,350	19,166	12,261	25,345
R413	Specifications Development Services	17,315	31,285	40,928	55,654
R414	Systems Engineering Services	1,287,158	1,222,525	1,326,228	1,245,199
R415	Technology Sharing/Utilization Services	44,553	34,820	78,081	95,501
R416	Veterinary/Animal Care Services	354	372	265	159
R418	Legal Services	5,307	2,243	1,806	1,684
R419	Educational Services	15,137	27,827	12,012	24,385
R420	Certifications & Accreditations	1,538	1,081	1,757	414
R421	Technical Assistance	62,998	62,562	35,441	58,266
R422	Telephone & Field Interview Services	1,568	213	80	177
R423	Intelligence Services	6,159	4,687	560	1,156
R424	Expert Witness	2,161	633	879	695
R425	Engineering Technical Services	2,153,753	992,914	638,163	513,651
R426	Communications Services	37,264	69,120	13,017	12,243
R427	Weather Reporting/Observation Services	158-	2,812	0	0
R428	Industrial Hygienics	552	121	0	0
R497	Personal Services	4,912	12,471	672	1,001
R498	Prof Services/Other Professional Services	0	0	862,497	167,378
R499	Other Professional Services	449,768	474,592	0	0
R4	Professional Services	5,044,179	3,564,531	3,579,807	2,738,165
R502	Studies/Air Quality Analyses	0	0	1,877	1,558
R503	Studies/Archeological-Paleontological	0	0	3,051	7,434
R504	Studies/Chemical-Biological	0	0	3,749	5,288
R505	Studies/Cost Benefit	0	0	3,272	612
R506	Studies/Data - Other Than Scientific	0	0	8,761	24,607
R507	Studies/Economic, Labor	0	0	910	1,261
R509	Studies/Endangered Species - Plant/Animal	0	0	247	279
R510	Studies/Environmental Assessments	0	0	7,827	4,999
R511	Studies/Environmental Baseline	0	0	519	582
R512	Studies/Environmental Impact	0	0	1,359	2,764
R513	Studies/Feasibility - Non-Construction	0	0	7,667	3,067
R516	Studies/Fisheries	0	0	1,420	2,075
R517	Studies/Geological	0	0	1,161	559
R518	Studies/Geophysical	0	0	154	596
R519	Studies/Geotechnical	0	0	134	678
R521	Studies/Historical	0	0	824	122
R522	Studies/Legal-Litigation	0	0	332	707
R524	Studies/Mathematical-Statistical	0	0	1,394	400
R525	Studies/Natural Resource	0	0	214	471
R526	Studies/Oceanological	0	0	25,631	724
R529	Studies/Scientific Data	0	0	4,394	7,810
R530	Studies/Seismological	0	0	2,193	965
R532	Studies/Soils	0	0	230	616
R533	Studies/Water Quality	0	0	1,047	990
R534	Studies/Wildlife	0	0	140	140
R537	Studies/General Health	0	0	5,156	6,080
R538	Studies/Intelligence Analysis Support	0	0	26,969	31,041
R539	Studies/Aeronautic/Space Studies	0	0	1,998	884
R540	Studies/Building Technology	0	0	17,272	4,948
R541	Studies/Defense	0	0	21,199	17,300
R542	Studies/Educational Studies & Analyses	0	0	1,166	317
R543	Studies/Energy	0	0	0	877
R544	Studies/Technology	0	0	5,290	7,165
R545	Studies/Housing & Community Development	0	0	30	239
R546	Studies/Security (Physical & Personnel)	0	0	6,599	188
R547	Studies/Accounting/Financial Management	0	0	6,010	7,806
R549	Studies/Foreign Policy/National Sec Policy	0	0	166	380
R550	Studies/Organization/Admin/Personnel	0	0	1,161	1,507
R551	Studies/Mobilization/Preparedness	0	0	4,452	2,659
R552	Studies/Manpower	0	0	887	375
R553	Studies/Communications	0	0	397	2,248
R554	Studies/Acquisition Policy/Procedures	0	0	370	499
R599	Other Special Studies and Analyses	0	0	140,903	176,185
R5	Special Studies & Analyses	0	0	318,532	329,992
R601	Material Management	0	0	3,630	4,053
R602	Courier & Messenger Services	1,096	2,266	399	56
R603	Transcription Services	1,678	748	1,077	2,207
R604	Mailing & Distribution Services	7,546	6,436	7,417	4,389

TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Professional, Admin & Management Support Svcs (CONT)					
R605	Library Services	2,565	2,363	4,910	2,946
R606	Court Reporting Services	0	118	0	0
R607	Word Processing/Typing Services	4,033	4,358	5,200	6,929
R608	Translation & Interpreting Services	232	515	1,029	1,471
R609	Stenographic Services	431	350	350	420
R610	Personal Property Management Services	103	74	297	0
R611	Credit Reporting Services	352	2,111	615	68
R612	Information Retrieval Services	176	31	0	0
R699	Other Administrative Support Services	36,073	28,968	18,226	18,654
R6	Administrative Support Services	54,285	48,338	43,150	41,193
R701	Advertising Services	150,139	142,732	95,897	121,727
R702	Data Collection Services	84,986	66,078	60,279	69,452
R703	Accounting or Financial Services	19,599	18,597	13,584	2,862
R704	Auditing Services	1,268	0	1,156	77
R705	Debt Collection Services	566	1,153	2,951	581
R706	Logistics Support Services	458,033	433,696	317,350	352,609
R707	Contract, Procurement & Acquisition Support Svcs	28,365	75,970	59,466	97,643
R708	Public Relations Services	179	171	310	400
R709	Ongoing Audit Operations Support Services	0	821	302	30
R710	Relocation Services	0	0	1,307	1,882
R799	Other Management Support Services	426,931	568,965	443,834	431,684
R7	Management Support Services	1,170,066	1,308,183	994,124	1,078,947
TOTAL	Professional, Admin & Management Support Svcs	6,268,530	4,921,052	8,333,941	7,890,118
S Utilities & Housekeeping Services					
S111	Gas Services	222,093	199,004	233,036	247,801
S112	Electric Services	835,560	697,430	957,271	874,312
S113	Telephone and/or Communications Services	444,954	242,138	478,415	625,432
S114	Water Services	52,692	35,810	92,998	71,762
S119	Other Utilities	185,837	105,466	128,867	96,223
S1	Utilities	1,741,136	1,279,848	1,890,587	1,915,530
S201	Custodial - Janitorial Services	371,974	312,931	307,853	294,231
S202	Fire Protection Services	16,186	5,474	14,023	6,780
S203	Food Services	313,133	298,070	317,133	319,771
S204	Fueling & Other Petroleum Svcs-Excluding Storage	15,454	14,753	12,063	11,020
S205	Trash/Garbage Collection Svcs-Incl Port San Svcs	121,812	78,350	94,017	68,818
S206	Guard Services	104,197	104,017	87,887	83,120
S207	Insect & Rodent Control Services	1,863	1,218	2,629	2,120
S208	Landscaping/Groundskeeping Services	95,997	71,614	81,963	75,154
S209	Laundry & Dry Cleaning Services	40,854	29,757	38,256	31,881
S211	Surveillance Services	7,116	1,485	1,790	970
S212	Solid Fuel Handling Services	782	1,002	2,562	3,119
S213	Messenger Services	0	0	871	389
S214	Carpet Laying & Cleaning Services	3,521	922	1,041	2,430
S215	Warehousing & Storage Services	32,605	31,578	14,515	28,250
S216	Facilities Operations Support Services	293,864	189,355	263,549	249,299
S217	Interior Landscaping Services	177	177	0	0
S218	Snow Removal/Salt Services	994	329	1,765	157
S219	Asbestos Removal	0	0	2,141	648
S220	Travel Agent Services	0	0	27,176	0
S221	Hazardous Waste Removal	0	0	6,943	4,032
S222	Waste Treatment & Storage Services	5,261	3,569	0	0
S299	Other Housekeeping Services	144,850	205,196	196,842	166,138
S2	Housekeeping Services	1,570,640	1,350,397	1,475,019	1,348,327
TOTAL	Utilities & Housekeeping Services	3,311,776	2,630,245	3,365,606	3,263,857
T Photographic, Mapping, Printing & Publication					
T001	Arts/Graphics Services	21,441	18,928	19,435	19,824
T002	Cartography Services	2,172	2,787	5,181	1,890
T003	Cataloging Services	70	33	405	0

TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Photographic, Mapping, Printing & Publication (CONT)					
T004	Charting Services	1,999	1,204	384	947
T005	Film Processing Services	3,264	2,565	2,308	2,761
T006	Film/Video Tape Production Services	5,748	6,540	5,665	12,863
T007	Microform Services	2,306	1,826	1,479	2,407
T008	Photogrammetry Services	303	1,177	1,130	3,643
T009	Aerial Photographic Services	1,080	8,714	1,175	1,017
T010	General Photographic Services - Still	18,065	16,587	15,262	15,228
T011	Print/Binding Services	977	562	787	1,711
T012	Reproduction Services	3,743	2,513	5,057	4,742
T013	Technical Writing Services	33,938	43,541	48,935	64,603
T014	Topography Services	141	75	257	506
T015	General Photographic Services - Motion	1,357	1,122	4,627	1,508
T016	Audio/Visual Services	13,232	12,632	12,892	12,376
T099	Other Photographic Mapping, Printing, & Pub Svcs	11,574	13,592	10,259	15,934
TOTAL	Photographic, Mapping, Printing & Publication	121,410	134,398	135,238	161,960
U Education & Training Services					
U001	Lectures for Training	2,491	1,833	1,470	2,815
U002	Personnel Testing	2,510	2,204	1,817	2,372
U003	Reserve Training (Military)	1,488	127	3,124	580
U004	Scientific & Management Education	6,978	18,514	6,035	12,926
U005	Tuition, Registration & Membership Fees	117,118	88,625	129,299	121,691
U006	Vocational/Technical	131,038	113,696	155,261	153,151
U007	Faculty Salaries for Dependent Schools	37,051	11,954	12,364	18,216
U008	Training/Curriculum Development	16,712	6,085	0	0
U009	Education Services	245,930	286,005	449,514	349,139
U010	Certifications & Accreditations	264	183	0	0
U011	AIDS Training	0	120	0	0
U099	Other Education & Training Services	41,925	7,499	0	0
TOTAL	Education & Training Services	603,505	536,845	758,884	660,890
V Transportation, Travel & Relocation Svcs					
V001	GBL and GTR Procurements	0	0	270	58
V002	Motor Pool Operations	28,710	26,756	22,932	21,243
V003	Packing/Crating Services	8,855	5,754	6,065	1,723
V111	Air Freight	1,986	3,963	3,524	109,186
V112	Motor Freight	9,901	11,344	9,435	3,539
V113	Rail Freight	0	0	103	34
V114	Stevedoring	75,653	51,061	69,162	56,355
V115	Vessel Freight	472,437	475,894	417,164	334,373
V119	Other Cargo & Freight Services	67,697	52,371	73,196	50,093
V11	Cargo & Freight Svcs for Transportation of Things	627,684	594,633	572,854	553,580
V121	Air Charter for Things	255,073	177,678	297,883	212,303
V122	Motor Charter for Things	645	720	560	1,237
V123	Rail Charter for Things	44,718	0	0	0
V124	Marine Charter For Things	988,210	169,246	600,691	737,062
V125	Vessel Towing Services	5,456	1,971	17,859	8,623
V129	Other Vehicle Charter for Transportation of Things	14,328	6,310	8,542	3,162
V12	Vehicle Charter for Transportation of Things	1,308,430	355,925	925,535	962,387
V1	Transportation of Things	1,936,114	950,558	1,498,389	1,515,967
V211	Air Passenger Service	77,809	31,540	100,526	223,788
V212	Motor Passenger Service	21,334	15,136	24,453	34,287
V213	Rail Passenger Service	33	0	0	0
V214	Marine Passenger Service	373	0	286	309
V21	Passenger Service	99,549	46,676	125,265	258,384
V221	Passenger Air Charter Service	447,244	105,600	237,331	124,025
V222	Passenger Motor Charter Service	23,720	19,851	20,883	16,320
V224	Passenger Marine Charter Service	0	519	174	70
V225	Ambulance Service	2,064	1,124	1,458	733
V226	Taxicab Services	0	175	115	83

TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Transportation, Travel & Relocation Svcs (CONT)					
V22	Vehicle Charter For Passengers (With Operators)	473,028	127,269	259,961	141,231
V2	Travel of Persons	572,577	173,945	385,226	399,615
V231	Lodging - Hotel/Motel	19,848	7,233	15,241	17,180
V241	Military Personnel Recruitment	17,297	12,127	9,274	10,734
V301	Relocation Services	13,261	5,754	0	0
V302	Travel Agent Services	61	6,500	0	0
V999	Other Transportation Travel & Relocation Services	4,545	4,564	1,871	3,645
V3	Other Transportation Travel & Relocation Services	17,867	16,818	1,871	3,645
TOTAL	Transportation, Travel & Relocation Svcs	2,601,268	1,193,191	1,938,998	1,970,165
U Lease or Rental of Equipment					
W010	Lease or Rental of Eq/Weapons	656	38	2,105	684
W012	Lease or Rental of Eq/Fire Control Equipment	0	332	70	181
W013	Lease or Rental of Eq/Ammo & Explosives	73	73	0	0
W015	Lease or Rental of Eq/Aircraft Structural Comps	2,091	895	2,100	35,284
W016	Lease or Rental of Eq/Aircraft Comps & Accys	0	25	26	0
W017	Lease or Rental of Eq/Aircraft Gnd Handling Equip	219-	369	2,320	630
W019	Lease or Rental of Eq/Ships-Sml Craft-Docks	5,177	4,656	7,903	4,603
W020	Lease or Rental of Eq/Ship & Marine Equipment	2,799	799	906	2,175
W022	Lease or Rental of Eq/Railway Equipment	79	39	107	147
W023	Lease or Rental of Eq/Vehicles-Trailers-Cycles	26,965	16,812	14,247	12,078
W024	Lease or Rental of Eq/Tractors	593	550	417	839
W025	Lease or Rental of Eq/Vehicular Equipment Comps	225	846	372	678
W028	Lease or Rental of Eq/Engines, Turbines & Comps	65	90	0	103
W029	Lease or Rental of Eq/Engine Accessories	45	0	60	60
W030	Lease or Rental of Eq/Mech Power Trans Equipment	34	49	27	168
W032	Lease or Rental of Eq/Woodworking Machinery Equip	0	36	0	0
W034	Lease or Rental of Eq/Metalworking Machinery	462	55	237	41
W035	Lease or Rental of Eq/Service & Trade Equipment	1,528	1,721	1,330	1,227
W036	Lease or Rental of Eq/Special Industry Machinery	15,955	14,313	16,215	20,116
W037	Lease or Rental of Eq/Agricultural Machinery & Eq	136	264	0	100
W038	Lease or Rental of Eq/Construction Equipment	14,614	7,940	13,453	29,092
W039	Lease or Rental of Eq/Materials Handling Equipment	3,692	2,714	3,677	3,018
W041	Lease or Rental of Eq/Refrigeration, Air Cond Eq	293	421	4,478	841
W042	Lease or Rental of Eq/Fire, Rescue & Safety Equip	0	28	102	30
W043	Lease or Rental of Eq/Pumps & Compressors	1,023	764	1,011	1,214
W044	Lease or Rental of Eq/Furnace-Steam Plant-Reac	1,590	863	967	251
W045	Lease or Rental of Eq/Plumbing & Heating Equipment	5,593	608	968	808
W046	Lease or Rental of Eq/Water Purification Equipment	157	2,404	1,626	1,027
W049	Lease or Rental of Eq/Maintenance & Repair Shop Eq	2,151	649	3,502	2,049
W052	Lease or Rental of Eq/Measuring Tools	119	0	52	47
W053	Lease or Rental of Eq/Hardware & Abrasives	0	67	0	198
W054	Lease or Rental of Eq/Prefab Structures	3,161	5,892	3,648	1,579
W055	Lease or Rental of Eq/Lumber & Millwork	61	0	0	147
W056	Lease or Rental of Eq/Construction Materials	90	72	32	28
W058	Lease or Rental of Eq/Communication Equipment	217,006	122,379	160,493	79,631
W059	Lease or Rental of Eq/Electrical & Elct Eq Comps	279	1,350	767	9,028
W061	Lease or Rental of Eq/Power Distribution Equipment	0	177	518	572
W062	Lease or Rental of Eq/Lighting Fixtures & Lamps	56	0	280	143
W063	Lease or Rental of Eq/Alarm & Signal Systems	2,369	2,218	2,962	2,354
W065	Lease or Rental of Eq/Medical & Dental Equipment	1,861	1,581	464	746
W066	Lease or Rental of Eq/Instruments & Lab Equipment	1,008	1,339	1,464	1,246
W067	Lease or Rental of Eq/Photographic Equipment	1,087	798	820	1,084
W068	Lease or Rental of Eq/Chemical Products	32	176	108	0
W069	Lease or Rental of Eq/Training Aids & Devices	1,720	230	86	174
W070	Lease or Rental of Eq/ADP Equip & Supplies	37,980	93,052	208,810	395,262
W071	Lease or Rental of Eq/Furniture	112	97	221	164
W072	Lease or Rental of Eq/Household Furnishings	1,679	1,573	1,675	1,598
W073	Lease or Rental of Eq/Food Prep & Serving Equip	172	137-	151	95
W074	Lease or Rental of Eq/Office Machines	19,272	20,400	16,873	29,792
W075	Lease or Rental of Eq/Office Supplies & Devices	566	182	124	151
W076	Lease or Rental of Eq/Books-Maps-Pubs	389	28	110	155
W078	Lease or Rental of Eq/Recreational Equipment	0	36	0	0
W079	Lease or Rental of Eq/Cleaning Equipment	379	133	173	1,509
W081	Lease or Rental of Eq/Containers-Packaging	912	561	2,127	1,093

TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Lease or Rental of Equipment (CONT)					
W083	Lease or Rental of Eq/Textiles-Leather-Furs	778	198	373	363
W084	Lease or Rental of Eq/Clothing - Individual	79	33	68	81
W085	Lease or Rental of Eq/Toiletries	61	0	0	0
W089	Lease or Rental of Eq/Subsistence	0	4,245	15,513	14,071
W099	Lease or Rental of Eq/Miscellaneous Equipment	11,052	12,356	18,473	23,634
TOTAL	Lease or Rental of Equipment	388,057	327,389	514,619	682,389
X Lease or Rental of Facilities					
X111	Lease/Office Buildings	3,135	2,495	1,236	3,844
X112	Lease/Conference Space & Facilities	0	79	0	0
X119	Lease/Other Administrative & Service Buildings	475	1,021	1,260	1,764
X11	Administrative Facilities & Service Buildings	3,610	3,595	2,496	5,608
X126	Lease/Missile System Facilities	0	0	95	0
X127	Lease/Electronic & Communication Facilities	283	0	0	0
X129	Lease/Other Airfield Structures	112	0	0	138
X12	Airfield, Communications, & Missile Facilities	395	0	95	138
X131	Lease/Schools	224	556	642	1,568
X139	Lease/Other Educational Buildings	134	105	0	593
X13	Educational Buildings	358	661	642	2,161
X141	Lease/Hospitals & Infirmarys	67	0	0	2,937
X142	Lease/Laboratories & Clinics	494	0	0	0
X14	Hospital Buildings	561	0	0	2,937
X151	Lease/Ammunition Facilities	0	0	68	114
X152	Lease/Maintenance Buildings	259	69	0	0
X159	Lease/Other Industrial Buildings	28	0	1,578	1,913
X15	Industrial Buildings	287	69	1,646	2,027
X161	Lease/Family Housing Facilities	1,816	277	477	408
X162	Lease/Recreational Buildings	88	53	0	136
X163	Lease/Troop Housing Facilities	1,255	1,387	1,513	1,420
X165	Lease/Religious Facilities	0	0	36	55
X169	Lease/Other Residential Buildings	411	5,796	1,563	1,303
X16	Residential Buildings	3,570	7,513	3,589	3,322
X172	Lease/Food or Grain Storage Buildings	153	164	0	471
X173	Lease/Fuel Storage Buildings	60,230	82,423	84,289	71,996
X174	Lease/Open Storage Facilities	48	201	14,435	488
X179	Lease/Other Warehouse Buildings	494	64	228	141
X17	Warehouse Buildings	60,925	82,852	98,952	73,096
X191	Lease/Museums & Exhibition Buildings	0	0	372	353
X192	Lease/Testing & Measurement Buildings	0	0	107	0
X199	Lease/Other Miscellaneous Buildings	5,334	1,123	1,368	2,605
X19	Other Buildings	5,334	1,123	1,847	2,958
X1	Construction of Structures & Facilities	75,040	95,813	109,267	92,247
X214	Lease/Mine Subsidence Control Facilities	0	727	0	0
X219	Lease/Other Conservation & Development Facilit.	83	0	0	0
X21	Conservation & Development Facilities	83	727	0	0
X224	Lease/Parking Facilities Construction	160	0	0	0
X22	Highways, Roads, Streets, & Bridges	160	0	0	0
X239	Lease/EPG - Other, Including Transmission	180	0	0	0
X23	Electric Power Generation (EPG) Facilities	180	0	0	0

TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
	Lease or Rental of Facilities (CONT)				
X241	Lease/Fuel Supply Facilities	0	0	275	145
X244	Lease/Sewage & Waste Facilities	38	0	0	0
X249	Lease/Other Utilities	33	33	0	35
X24	Utilities	71	33	275	180
X291	Lease/Recreation Facilities (Non-Building)	0	0	0	60
X299	Lease/All Other Non-Building Facilities	124,113	33,903	8,767	9,298
X29	Other Non-Building Facilities	124,113	33,903	8,767	9,358
X2	Non-Building Structures	124,607	34,663	9,042	9,538
TOTAL	Lease or Rental of Facilities	199,647	130,476	118,309	101,785
Y	Construction of Structures & Facilities				
Y111	Office Buildings	63,595	59,714	50,257	58,060
Y112	Conference Space & Facilities	1,750	912	0	0
Y119	Other Administrative & Service Buildings	227,074	242,398	315,217	315,970
Y11	Administrative Facilities & Service Buildings	292,419	303,024	365,474	374,030
Y121	Air Traffic Control Towers	768	32,359	1,985	11,407
Y122	Air Traffic Control Training Facilities	142	2,210	335	8,344
Y123	Radar & Navigational Facilities	32,517	32,025	150,327	263,089
Y124	Airport Runways	67,014	47,610	42,337	62,686
Y125	Airport Terminals	1,868	176	2,791	4,738
Y126	Missile System Facilities	16,167	71,211	75,228	51,769
Y127	Electronic & Communication Facilities	332,320	256,620	186,821	117,735
Y129	Other Airfield Structures	159,107	241,528	332,843	357,482
Y12	Airfield, Communications, & Missile Facilities	609,903	683,739	792,667	877,250
Y131	Schools	52,920	90,644	65,601	100,352
Y139	Other Educational Buildings	11,861	130,368	112,664	161,539
Y13	Educational Buildings	64,781	221,012	178,265	261,891
Y141	Hospitals & Infirmaries	69,722	64,753	62,065	181,114
Y142	Laboratories & Clinics	10,792	26,386	27,885	68,204
Y149	Other Hospital Buildings	12,141	37,887	25,175	15,243
Y14	Hospital Buildings	92,655	129,026	115,125	264,561
Y151	Ammunition Facilities	26,497	38,022	54,974	65,732
Y152	Maintenance Buildings	8,706	186,385	157,304	230,655
Y153	Production Buildings	39,033	30,931	60,412	16,423
Y154	Ship Construction & Repair Facilities	7,361	21,901	3,900	26,071
Y155	Tank-Automotive Facilities	4,167	9,209	13,304	11,570
Y159	Other Industrial Buildings	98,625	138,879	151,419	146,653
Y15	Industrial Buildings	184,389	425,327	441,313	497,104
Y161	Family Housing Facilities	111,735	366,573	289,455	298,735
Y162	Recreational Buildings	16,862	31,271	41,716	62,368
Y163	Troop Housing Facilities	70,197	161,196	250,295	364,443
Y164	Dining Facilities	9,567	15,283	46,364	36,354
Y165	Religious Facilities	1,608	4,972	11,387	3,358
Y166	Penal Facilities	0	0	1,339	764
Y169	Other Residential Buildings	23,006	152,944	130,235	296,120
Y16	Residential Buildings	232,975	732,239	770,791	1,062,142
Y171	Ammunition Storage Buildings	19,397	68,357	8,023	16,473
Y172	Food or Grain Storage Buildings	1,881	24,735	7,109	1,579
Y173	Fuel Storage Buildings	9,130	15,786	22,109	18,810
Y174	Open Storage Facilities	5,544	10,006	2,858	4,395
Y179	Other Warehouse Buildings	43,331	135,405	141,022	105,403
Y17	Warehouse Buildings	79,283	254,289	181,121	226,660

TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Construction of Structures & Facilities (CONT)					
Y181	Government-Owned Contractor-Operated R&D Fac	14,422	2,090	4,640	7,952
Y182	Government-Owned Government-Operated R&D Fac	3,696	25,636	9,605	32,680
Y183	GOCO Environmental Laboratories	230	0	0	0
Y18	Research & Development Facilities	18,348	27,726	14,245	40,632
Y191	Museums & Exhibition Buildings	2,045	451	1,719	1,464
Y192	Testing & Measurement Buildings	3,464	32,546	25,010	17,831
Y199	Other Miscellaneous Buildings	454,205	1,018,253	914,000	740,015
Y19	Other Buildings	459,714	1,051,250	940,729	759,310
Y1	Construction of Structures & Facilities	2,034,467	3,827,632	3,799,730	4,363,580
Y211	Dams	229,625	91,954	277,384	154,703
Y212	Canals	7,924	11,670	3,033	29,059
Y213	Mine Fire Control Facilities	180	299	212	51
Y214	Mine Subsidence Control Facilities	66	32	0	0
Y215	Surface Mine Reclamation Facilities	0	264	0	1,223
Y216	Dredging	271,997	234,503	324,447	315,972
Y219	Other Conservation & Development Facilities	304,734	321,514	282,081	302,980
Y21	Conservation & Development Facilities	814,526	660,236	887,157	803,988
Y221	Airport Service Roads	3,790	11,279	5,162	26,160
Y222	Highways, Roads, Streets, & Bridges	56,770	56,614	76,551	153,130
Y223	Tunnels & Subsurface Structures	12,290	5,180	3,245	2,148
Y224	Parking Facilities Construction	10,710	23,226	9,801	25,463
Y22	Highways, Roads, Streets, & Bridges	83,560	96,299	94,759	206,901
Y231	EPG - Coal	1,033	42	100	1,621
Y232	EPG - Gas	477	403	414	940
Y233	EPG - Geothermal	0	0	60	0
Y234	EPG - Hydro	167	85	192	1,130
Y236	EPG - Petroleum	404	1,116	478	3,608
Y239	EPG - Other, Including Transmission	12,015	21,984	15,340	10,766
Y23	Electric Power Generation (EPG) Facilities	14,096	23,630	16,584	18,065
Y241	Fuel Supply Facilities	18,326	22,851	47,754	10,456
Y242	Heating & Cooling Plants	12,642	46,792	12,631	28,137
Y243	Pollution Abatement & Control Facilities	6,815	2,013	23,371	2,559
Y244	Sewage & Waste Facilities	14,200	18,273	29,062	25,309
Y245	Water Supply Facilities	38,653	48,967	44,723	23,998
Y249	Other Utilities	34,951	64,011	57,881	122,979
Y24	Utilities	125,587	202,907	215,422	213,438
Y291	Recreation Facilities (Non-Building)	20,397	23,147	31,287	32,455
Y292	Exhibit Design (Non-Building)	245	559	0	74
Y293	Unimproved Real Property (Land)	16,593	4,419	3,153	3,319
Y294	Waste Treatment & Storage Facilities	12,164	826	0	0
Y299	All Other Non-Building Facilities	350,986	325,565	693,026	492,244
Y29	Other Non-Building Facilities	400,385	354,516	727,466	528,092
Y2	Non-Building Structures	1,438,154	1,337,588	1,941,388	1,770,484
Y300	Restoration Activities	67	0	0	0
Y3	Restoration Activities	67	0	0	0
TOTAL	Construction of Structures & Facilities	3,472,688	5,165,220	5,741,118	6,134,064
Z	Maintenance, Repair or Alteration of Real				
Z111	Maint/Office Buildings	149,628	145,751	153,835	143,707
Z112	Maint/Conference Space & Facilities	566	1,750	0	0
Z119	Maint/Other Administrative & Service Buildings	206,934	338,492	194,152	292,918

TABLE 2B. Other Services and Construction

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Maintenance, Repair or Alteration of Real (CONT)					
Z11	Administrative Facilities & Service Buildings	357,128	485,993	347,987	436,625
Z121	Maint/Air Traffic Control Towers	1,746	4,517	1,274	2,151
Z122	Maint/Air Traffic Control Training Facilities	7,580	1,337	254	3,663
Z123	Maint/Radar & Navigational Facilities	4,628	2,236	5,607	10,674
Z124	Maint/Airport Runways	78,574	65,628	78,428	137,433
Z125	Maint/Airport Terminals	6,322	11,204	3,756	7,363
Z126	Maint/Missile System Facilities	13,536	17,279	7,633	8,699
Z127	Maint/Electronic & Communication Facilities	43,577	61,478	24,461	25,234
Z129	Maint/Other Airfield Structures	42,872	93,422	90,218	130,111
Z12	Airfield, Communications, & Missile Facilities	198,835	257,101	211,631	325,328
Z131	Maint/Schools	18,573	21,850	20,672	42,630
Z139	Maint/Other Educational Buildings	14,014	13,345	30,628	25,888
Z13	Educational Buildings	32,587	35,195	51,300	68,518
Z141	Maint/Hospitals & Infirmaries	51,412	44,605	27,695	34,309
Z142	Maint/Laboratories & Clinics	4,914	8,925	15,993	12,007
Z149	Maint/Other Hospital Buildings	21,881	28,055	14,269	21,340
Z14	Hospital Buildings	78,207	81,585	57,957	67,656
Z151	Maint/Ammunition Facilities	6,268	9,358	12,503	8,179
Z152	Maint/Maintenance Buildings	74,047	66,199	78,493	52,303
Z153	Maint/Production Buildings	36,566	23,839	22,044	39,018
Z154	Maint/Ship Construction & Repair Facilities	2,459	4,011	7,156	5,442
Z155	Maint/Tank-Automotive Facilities	2,355	8,021	1,784	1,379
Z159	Maint/Other Industrial Buildings	72,468	82,955	132,046	209,282
Z15	Industrial Buildings	194,163	194,383	254,026	315,603
Z161	Maint/Family Housing Facilities	367,177	454,022	469,862	472,229
Z162	Maint/Recreational Buildings	22,724	28,645	57,416	57,928
Z163	Maint/Troop Housing Facilities	130,989	120,896	129,682	216,562
Z164	Maint/Dining Facilities	23,299	49,775	36,392	43,946
Z165	Maint/Religious Facilities	4,623	3,695	4,012	4,958
Z166	Maint/Prison Facilities	0	604	467	249
Z169	Maint/Other Residential Buildings	39,258	52,566	19,451	39,609
Z16	Residential Buildings	588,070	710,203	717,282	835,481
Z171	Maint/Ammunition Storage Buildings	4,515	4,341	3,117	7,937
Z172	Maint/Food or Grain Storage Buildings	3,952	2,514	4,350	12,149
Z173	Maint/Fuel Storage Buildings	9,654	8,272	11,120	9,333
Z174	Maint/Open Storage Facilities	2,868	5,891	2,221	2,675
Z179	Maint/Other Warehouse Buildings	37,215	47,565	46,564	49,706
Z17	Warehouse Buildings	58,204	68,583	67,372	81,800
Z181	Maint/Government-Owned Contractor-Operated R&D Fac	68	1,007	2,463	7,185
Z182	Maint/Government-Owned Government-Operated R&D Fac	17,925	23,310	14,440	18,664
Z18	Research & Development Facilities	17,993	24,317	16,903	25,849
Z191	Maint/Museums & Exhibition Buildings	2,012	1,392	644	2,492
Z192	Maint/Testing & Measurement Buildings	9,034	16,210	9,271	4,973
Z199	Maint/Other Miscellaneous Buildings	491,017	492,869	511,611	785,457
Z19	Other Buildings	502,063	510,471	521,526	792,922
Z1	Construction of Structures & Facilities	2,027,250	2,367,831	2,245,984	2,949,782
Z211	Maint/Dams	30,827	47,810	51,512	36,098
Z212	Maint/Canals	4,214	770	1,643	2,807
Z213	Maint/Mine Fire Control Facilities	1,324	177	199	349
Z214	Maint/Mine Subsidence Control Facilities	117	0	0	0
Z215	Maint/Surface Mine Reclamation Facilities	0	266	0	0
Z216	Maint/Dredging	66,082	43,377	30,993	37,868
Z219	Maint/Other Conservation & Development Facilities	86,984	62,930	63,874	119,270
Z21	Conservation & Development Facilities	189,548	155,330	148,221	196,392

TABLE 2B. Other Services and Construction

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
	Maintenance, Repair or Alteration of Real (CONT)				
Z221	Maint/Airport Service Roads	13,741	24,102	9,615	23,795
Z222	Maint/Highways, Roads, Streets, & Bridges	106,932	105,645	124,713	176,295
Z223	Maint/Tunnels & Subsurface Structures	2,406	5,381	5,388	14,043
Z224	Maint/Parking Facilities Construction	19,445	19,227	27,831	40,814
Z22	Highways, Roads, Streets, & Bridges	142,524	154,355	167,547	254,947
Z231	Maint/EPG - Coal	850	324	2,668	526
Z232	Maint/EPG - Gas	1,593	1,579	2,045	246
Z233	Maint/EPG - Geothermal	0	0	439	0
Z234	Maint/EPG - Hydro	404	2,080	1,210	1,509
Z235	Maint/EPG - Nuclear	882	0	520	0
Z236	Maint/EPG - Petroleum	1,036	1,570	1,125	769
Z237	Maint/EPG - Solar	76	513	0	0
Z239	Maint/EPG - Other, Including Transmission	14,820	21,937	17,252	14,109
Z23	Electric Power Generation (EPG) Facilities	19,661	28,003	25,259	17,159
Z241	Maint/Fuel Supply Facilities	30,631	22,024	33,811	28,168
Z242	Maint/Heating & Cooling Plants	47,544	51,367	59,197	129,367
Z243	Maint/Pollution Abatement & Control Facilities	5,271	3,373	1,322	1,951
Z244	Maint/Sewage & Waste Facilities	40,816	60,103	67,754	57,273
Z245	Maint/Water Supply Facilities	27,870	52,562	32,487	53,268
Z249	Maint/Other Utilities	87,384	74,054	88,085	129,676
Z24	Utilities	239,516	263,483	282,656	399,703
Z291	Maint/Recreation Facilities (Non-Building)	11,980	9,563	12,301	23,796
Z292	Maint/Exhibit Design (Non-Building)	181	209	1,337	240
Z293	Maint/Unimproved Real Property (Land)	14,028	6,849	11,469	14,340
Z294	Maint/Waste Treatment & Storage Facilities	8,154	6,407	0	0
Z299	Maint/All Other Non-Building Facilities	381,035	425,452	550,534	491,749
Z29	Other Non-Building Facilities	415,378	448,480	575,641	530,125
Z2	Non-Building Structures	1,006,627	1,049,651	1,199,324	1,398,326
Z300	Restoration Activities	3,627	0	0	0
Z3	Restoration Activities	3,627	0	0	0
TOTAL	Maintenance, Repair or Alteration of Real	3,037,504	3,417,482	3,445,308	4,348,108
	T O T A L OTHER SERVICES AND CONSTRUCTION	36,440,032	33,248,839	35,921,762	38,057,814

TABLE 3

Net Value of
Prime Contract Awards Over \$25,000
for Supplies and Equipment,
by Federal Supply Classification
Code and Description:
FY 1990, 1989, 1988, and 1987

TABLE 3A. Summary of Supplies and Equipment

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
10	Weapons	1,320,657	1,016,190	1,520,056	1,195,880
11	Nuclear Ordnance	29,296	127,306	25,928	98,337
12	Fire Control Equipment	1,490,216	1,196,259	1,223,153	1,822,559
13	Ammunition and Explosives	3,034,198	2,336,917	2,971,771	3,374,256
14	Guided Missiles	7,329,454	9,274,329	9,109,211	9,628,259
15	Aircraft & Airframe Structural Components	12,344,805	10,559,686	11,078,206	13,419,991
16	Aircraft Components and Accessories	2,518,911	2,768,140	2,598,342	2,936,574
17	Airt Launching, Ldg, & Gnd Handling Equip	168,614	240,390	282,505	308,782
18	Space Vehicles	804,154	1,259,242	928,970	692,542
19	Ships, Sml Cft, Pontoons & Floating Docks	4,766,562	5,115,289	8,423,665	5,531,121
20	Ship and Marine Equipment	224,498	368,896	562,625	374,197
22	Railway Equipment	2,280	3,335	4,572	5,388
23	Gnd Effect Veh, Motor Veh, Trailers & Cycs	1,778,020	1,755,436	2,566,286	2,835,048
24	Tractors	20,773	79,042	55,031	116,299
25	Vehicular Equipment Components	770,316	702,311	654,774	710,542
26	Tires and Tubes	136,084	91,007	79,798	80,082
28	Engines, Turbines, and Components	4,962,203	4,828,632	5,009,162	6,012,104
29	Engine Accessories	427,482	447,511	438,301	505,515
30	Mechanical Power Transmission Equipment	93,811	86,109	83,426	130,501
31	Bearings	83,534	88,376	90,779	119,585
32	Woodworking Machinery and Equipment	1,329	3,554	1,304	2,347
34	Metalworking Machinery	101,286	139,476	131,975	186,214
35	Service and Trade Equipment	13,377	11,169	33,687	19,061
36	Special Industry Machinery	65,097	74,238	119,971	196,648
37	Agricultural Machinery and Equipment	3,037	3,949	3,103	4,296
38	Const, Mining, Excavating & Hwy Maint Eq	120,551	202,304	198,915	290,147
39	Materials Handling Equipment	259,131	262,694	452,468	309,822
40	Rope, Cable, Chain and Fittings	22,017	26,460	25,022	34,593
41	Refrigeration, AC & Air Circulating Equip	83,902	87,946	84,865	162,827
42	Fire Fighting, Rescue & Safety Equipment	241,217	229,772	245,920	247,636
43	Pumps and Compressors	120,561	129,039	139,969	207,183
44	Furnace, Steam Plant, Drying Equip & Nucl	694,074	636,045	1,490,861	956,712
45	Plumbing, Heating & Sanitation Equipment	16,785	25,397	43,694	46,836
46	Water Purification & Sewage Treatment Eq	29,093	8,085	28,012	56,741
47	Pipe, Tubing, Hose & Fittings	64,693	79,610	81,809	86,789
48	Valves	110,844	135,483	121,165	128,711
49	Maintenance & Repair Shop Equipment	535,797	812,306	693,680	827,687
51	Hand Tools	19,136	16,326	20,364	27,002
52	Measuring Tools	7,622	4,129	8,938	4,913
53	Hardware and Abrasives	96,697	123,005	123,996	143,831
54	Prefabricated Structures & Scaffolding	96,279	114,466	189,456	158,213
55	Lumber, Millwork, Plywood & Veneer	28,809	23,229	23,568	30,945
56	Construction & Building Materials	49,778	64,030	72,545	51,287
58	Communication, Detection, & Coherent Radiation Eq	9,284,660	10,246,164	7,790,161	10,906,043
59	Electrical & Electronic Equip Components	1,296,940	1,360,558	1,582,656	1,957,372

TABLE 3A. Summary of Supplies and Equipment

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
60	Fiber Optics Mats, Components, Assemblies, & Accys	24,800	41,414	16,633	22,906
61	Electric Wire & Power Distribution Equip	668,024	557,472	759,550	628,713
62	Lighting Fixtures and Lamps	62,796	53,867	88,304	66,034
63	Alarm, Signal, & Security Detection Systems	48,724	27,897	86,778	53,061
65	Medical, Dental, & Veterinary Eq & Sup	547,214	476,125	532,782	563,388
66	Instruments and Laboratory Equipment	1,084,379	1,177,470	1,374,042	1,721,350
67	Photographic Equipment	42,297	59,768	63,206	157,229
68	Chemicals and Chemical Products	115,757	89,486	71,142	88,485
69	Training Aids and Devices	775,547	553,177	663,995	942,865
70	General Purpose ADP Eq Software Sup & Eq	1,949,833	1,974,959	2,360,038	3,021,559
71	Furniture	220,459	235,414	210,236	277,392
72	Household & Coml Furnishings & Appliances	41,874	48,143	53,793	70,172
73	Food Preparation and Serving Equipment	51,355	39,880	52,591	59,021
74	Office Machines & Visible Record Equipment	12,709	18,163	32,106	41,148
75	Office Supplies and Devices	31,070	25,161	23,429	29,039
76	Books, Maps, Other Publications	133,199	170,869	172,801	116,423
77	Musical Inst, Phonographs, Home Type Radio	1,820	4,517	1,961	2,768
78	Recreational and Athletic Equipment	9,065	3,295	5,914	9,749
79	Cleaning Equipment and Supplies	62,497	46,097	35,922	33,556
80	Brushes, Paints, Sealers and Adhesives	7,750	10,468	6,022	8,657
81	Containers, Packaging & Packing Supplies	123,154	203,010	165,262	166,238
83	Tex/lthr/furs/apparel/findings/tents/flags	66,705	170,438	179,812	262,095
84	Clothing, Individual Equipment & Insignia	773,513	784,093	1,049,258	910,341
85	Toiletries	44,462	33,440	36,436	35,051
87	Agricultural Supplies	12,723	9,875	12,456	10,148
88	Live Animals	878	1,165	815	788
89	Subsistence	1,819,196	1,462,639	1,456,723	1,352,611
91	Fuels, Lubricants, Oils and Waxes	5,163,591	4,549,390	4,542,631	4,318,757
93	Nonmetallic Fabricated Materials	40,648	28,342	40,628	28,807
94	Nonmetallic Crude Materials	371	32-	33	27
95	Metal Bars, Sheets and Shapes	57,181	70,193	62,275	70,682
96	Ores, Minerals, and Their Primary Products	113,642	8,024	10,956	5,136
99	Miscellaneous	2,225,337	2,405,186	2,930,753	595,811
T O T A L SUPPLIES AND EQUIPMENT		71,999,150	72,503,242	78,524,948	82,615,425

TABLE 3B. Supplies and Equipment

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Weapons					
1005	Guns, Through 30 mm	445,931	419,582	383,931	696,771
1010	Guns, Over 30 mm Up To 75 mm	19,789	31,754	19,582	17,401
1015	Guns, 75 mm Through 125 mm	35,273	51,333	112,447	206,513
1020	Guns, Over 125 mm Through 150 mm	15,688	39,902	94,482	4,526
1025	Guns, Over 150 mm Through 200 mm	13,902	31,083	15,092-	35,233
1030	Guns, Over 200 mm Through 300 mm	313	183	161	168
1035	Guns, Over 300 mm	163	163	336	986
1040	Chemical Weapons and Equipment	7,362	3,292	6,067	9,923
1045	Launchers, Torpedo and Depth Charge	17,095	11,457	14,077	9,498
1055	Launchers, Grenade, Rocket and Pyrotechnic	108,361	99,786	95,364	25,605
1070	Nets and Booms, Ordnance	84	0	1,216	42
1075	Degaussing and Mine Sweeping Equipment	7,979	10,280	9,799	18,086
1080	Camouflage and Deception Equipment	49,727	61,266	10,849	89,692
1090	Assy Intrcng Btwn Wpns In 2 or More Class	3,919	2,010	2,234	4,548
1095	Miscellaneous Weapons	595,071	254,089	784,603	76,888
TOTAL	Weapons	1,320,657	1,016,190	1,520,056	1,195,880
Nuclear Ordnance					
1105	Nuclear Bombs	4,085	2,813	832	2,284
1110	Nuclear Projectiles	0	0	1,871	1,678
1115	Nuclear Warheads and Warhead Sections	23,573	109,639	5,518	6,836
1127	Nuclear Rockets	0	0	0	1,135
1135	Fusing and Firing Devices, Nucl Ordnance	454	2,042	8,545	38,258
1145	Explosive and Pyrotechnic Comps, Nucl Ord	168	0	0	411
1190	Specilized Test and Handling Eq, Nucl Ord	1,984	11,739	7,440	45,091
1195	Miscellaneous Nuclear Ordnance	968-	1,073	1,722	2,644
TOTAL	Nuclear Ordnance	29,296	127,306	25,928	98,337
Fire Control Equipment					
1210	Fire Control Directors	44,441	39,177	202,757	86,765
1220	Fire Control Computing Sights & Devices	32,573	22,934	26,053	110,957
1230	Fire Control Systems, Complete	392,953	179,952	96,768	575,660
1240	Optical Sighting and Ranging Equipment	269,694	246,382	222,480	145,830
1250	Fire Control Stabilizing Mechanisms	69	176	72	2,544
1260	Fire Cntl Designating & Indicating Equip	40,184	120,231	97,488	66,376
1265	Fire Control Transmitting & Receiving Eq	80,126	86,758	31,644	44,986
1270	Aircraft Gunnery Fire Control Components	378,709	250,797	250,484	311,785
1280	Aircraft Bombing Fire Control Components	111,439	78,500	130,292	44,570
1285	Fire Control Radar Equip, Except Airborne	23,603	51,985	69,560	231,814
1287	Fire Control Sonar Equipment	11,429	27,549	25,081	51,228
1290	Miscellaneous Fire Control Equipment	104,996	91,818	70,494	150,044
TOTAL	Fire Control Equipment	1,490,216	1,196,259	1,223,153	1,822,559
Ammunition and Explosives					
1305	Ammunition, Through 30 mm	164,174	158,863	182,755	288,752
1310	Ammunition, Over 30 mm Up To 75 mm	59,350	7,757	78,447	79,194-
1315	Ammunition, 75 mm Through 125 mm	497,481	422,077	585,061	356,442
1320	Ammunition, Over 125 mm	216,851	128,866	341,010	416,941
1325	Bombs	446,524	397,239	492,820	707,919
1330	Grenades	73,596	65,686	111,877	157,205
1336	Guided Msl Warheads and Explosive Comps	21,495	49,915	12,106	13,112
1337	Guide Msl & Space Veh Explo Un, Fuel, Comp	45,962	52,113	59,963	113,808
1338	Guide Msl and Sp Veh Inert Un, Fuel, Comp	3,233	6,349	1,061	1,013
1340	Rockets, Rocket Ammunition & Rocket Comps	503,406	112,249	115,779	269,397
1345	Land Mines	128,724	96,394	95,000	208,040
1350	Underwater Mine Inert Components	18,382	23,534	54,509	30,882
1351	Underwater Mine Explosive Components	4,331	2,470	4,219	3,807
1355	Torpedo Inert Components	464,321	442,595	493,482	349,200
1356	Torpedo Explosive Components	1,353	4,012	6,412	5,619
1360	Depth Charge Inert Components	190	56	1,054	3,732
1361	Depth Charge Explosive Components	300	184	134	224
1365	Military Chemical Agents	3,651	1,457	1,276	1,796
1370	Pyrotechnics	39,964	28,591	36,679	44,554
1375	Demolition Materials	12,707	20,229	15,500	20,420
1376	Bulk Explosives	79,030	16,546	30,554	123,071
1377	Cartridge & Propellant Actuated Dv & Comps	82,407	66,810	66,915	76,841

TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Ammunition and Explosives (CONT)					
1385	Surface Use Explo Ord Disposal Tools & Eq	1,455	4,297	6,392	5,633
1386	Undwtr Use Explo Ord Disposal Tools & Eq	141	6,819	991	3,635
1390	Fuses and Primers	152,076	141,203	144,207	178,852
1395	Miscellaneous Ammunition	3,983	8,426	7,390	1,924
1398	Specilized Ammo Handling and Svcing Equip	9,111	72,180	26,178	70,531
TOTAL	Ammunition and Explosives	3,034,198	2,336,917	2,971,771	3,374,256
Guided Missiles					
1410	Guided Missiles	2,314,973	3,015,304	3,117,586	2,838,591
1420	Guided Missile Components	816,874	1,317,853	1,398,698	1,792,913
1425	Guided Missile Systems, Complete	1,915,207	2,007,175	2,448,330	1,930,058
1427	Guided Missile Subsystems	896,442	1,138,378	983,735	1,364,019
1430	Guided Missile Remote Control Systems	120,147	242,936	215,739	387,299
1440	Launchers, Guided Missile	720,403	555,744	760,923	928,532
1450	Guided Missile Handling & Servicing Equip	545,408	996,893	184,200	386,847
TOTAL	Guided Missiles	7,329,454	9,274,329	9,109,211	9,628,259
Aircraft & Airframe Structural Components					
1510	Aircraft Fixed Wing	8,886,442	7,302,570	7,683,524	9,582,646
1520	Aircraft Rotary Wing	2,345,364	1,721,089	1,942,341	2,238,591
1540	Gliders	0	0	0	437
1550	Drones	106,815	132,075	140,214	103,906
1560	Airframe Structural Components	1,006,184	1,403,952	1,312,127	1,494,411
TOTAL	Aircraft & Airframe Structural Components	12,344,805	10,559,686	11,078,206	13,419,991
Aircraft Components and Accessories					
1610	Aircraft Propellers	40,639	35,801	20,104	36,273
1615	Helicopter Rotor Blades, Drive Mechanisms	303,272	205,447	241,303	286,797
1620	Aircraft Landing Gear Components	87,872	109,111	79,930	149,870
1630	Aircraft Wheel and Brake Systems	112,432	108,040	79,149	96,015
1650	Acft Hydraulic, Vacuum & De-icing Sys Comp	138,334	173,695	145,847	228,633
1660	Aircraft AC, Heating and Pressurizing Eq	59,521	85,815	62,473	70,286
1670	Parachutes and Cargo Tie Down Equipment	63,144	53,663	58,387	57,048
1680	Msl Aircraft Accessories and Components	1,713,647	1,996,568	1,911,149	2,011,652
TOTAL	Aircraft Components and Accessories	2,518,911	2,768,140	2,598,342	2,936,574
Acft Launching, Ldg, & Gnd Handling Equip					
1710	Aircraft Landing Equipment	17,865	26,727	53,512	33,239
1720	Aircraft Launching Equipment	13,601	47,857	21,163	25,598
1730	Aircraft Ground Servicing Equipment	102,781	106,004	190,649	181,702
1740	Airfield Specialized Trucks and Trailers	32,367	59,802	27,181	68,243
TOTAL	Acft Launching, Ldg, & Gnd Handling Equip	166,614	240,390	292,505	308,782
Space Vehicles					
1810	Space Vehicles	130,480	286,947	265,367	203,488
1820	Space Vehicle Components	257,186	635,011	387,631	329,129
1830	Space Vehicle Remote Control Systems	48,388	16,377	65,207	4,125
1840	Space Vehicle Launchers	368,067	320,660	210,891	155,800
1850	Space Vehicle Handling & Servicing Equip	33	247	47	0
1860	Space Survival Equipment	0	0	173-	0
TOTAL	Space Vehicles	804,154	1,259,242	928,970	692,542
Ships, Sml Cft, Pontoons & Floating Docks					
1900	Frigates and Corvettes	1,002	13,453	27,611	93,696
1901	Aircraft Carriers	132,350	73,635	3,860,154	148,142
1902	Cruisers	26,477	53,672	1,130,553	861,674
1903	Destroyers	1,430,474	173,677	83,208	247,540

TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Ships, Sml Cft, Pontoons & Floating Docks (CONT)					
1904	Submarines	1,591,859	2,493,153	1,918,232	2,459,988
1905	Combat Ships and Landing Vessels	2,795	52,836	31,565	88,240
1906	Minelayers and Minesweepers	358,826	355,235	39,023	35,415
1907	Landing Craft	201,233	64,032	49,197	371,541
1908	Torpedo Boats and Gun Boats	98,353	372-	807	23,118
1909	Hydrofoils	0	0	355	0
1910	Transport Vessels, Passenger and Troop	143	269	0	98
1911	Amphibious Assault Ships	256,654	520,798	791,258	178,527
1915	Cargo and Tanker Vessels	371,975	1,085,725	264,871	698,531
1920	Fishing Vessels	53	1,237	57	860
1921	Tugs and Towboats	15,376	22,950	38,118	1,610
1924	Repair Ships	252	3,985	3,183	6,608
1925	Special Service Vessels	111,591	1,133	878	955
1928	Salvage Vessels	339	915	2,015	4,607
1929	Rescue Vessels	0	0	58	0
1930	Barges and Lighters, Cargo	759	4,576	1,313	3,870
1935	Barges and Lighters, Special Purpose	15,533	12,710	10,290	7,575
1940	Small Craft	46,991	30,318	40,753	68,069
1945	Pontoons and Floating Docks	13,054	1,913	17,774	28,782
1950	Floating Drydocks	188	2,107	0	136
1955	Dredges	94	2,012	0	96
1990	Miscellaneous Vessels	90,191	145,320	112,392	201,443
TOTAL	Ships, Sml Cft, Pontoons & Floating Docks	4,766,562	5,115,289	8,423,665	5,531,121
Ship and Marine Equipment					
2010	Ship and Boat Propulsion Equipment	96,804	187,763	232,667	153,826
2020	Rigging and Rigging Gear	900	367	964	1,298
2030	Deck Machinery	15,077	9,200	4,418	3,520
2040	Marine Hardware and Hull Items	30,701	19,786	31,161	23,714
2050	Buoys	1,550	5,439	2,328	5,308
2090	Miscellaneous Ship and Marine Equipment	79,466	146,341	291,087	186,531
TOTAL	Ship and Marine Equipment	224,498	368,896	562,625	374,197
Railway Equipment					
2210	Locomotives	329	333	3,000	3,436
2220	Rail Cars	0	0	0	1,010
2230	Right-of-way Const and Maint Eq, Railroad	1,455	69-	186	442
2240	Locomotive & Rail Car Accessories & Comps	45	2,717	897	141
2250	Track Material, Railroad	451	354	489	359
TOTAL	Railway Equipment	2,280	3,335	4,572	5,388
Gnd Effect Veh, Motor Veh, Trailers & Cyps					
2305	Ground Effect Vehicles	1,489	957	10,872	25,815
2310	Passenger Motor Vehicles	7,383	8,827	5,105	6,031
2320	Trucks and Truck Tractors, Wheeled	686,527	869,371	1,067,767	1,077,661
2330	Trailers	154,040	97,678	105,711	141,377
2340	Motorcycles, Motor Scooters and Bicycles	1,603	2,763	1,183	3,324
2350	Combat Assault & Tactical Veh, Tracked	926,978	775,840	1,375,648	1,580,840
TOTAL	Gnd Effect Veh, Motor Veh, Trailers & Cyps	1,778,020	1,755,436	2,566,286	2,835,048
Tractors					
2410	Tractor, Full Tracked, Low Speed	11,634	32,208	18,273	85,414
2420	Tractors, Wheeled	8,767	46,708	36,549	30,885
2430	Tractors, Full Tracked, High Speed	372	126	209	0
TOTAL	Tractors	20,773	79,042	55,031	116,299
Vehicular Equipment Components					
2510	Vehicular Cab, Body, Frame Structural Comp	31,987	25,151	22,391	39,005
2520	Vehicular Power Transmission Components	364,435	341,977	312,527	347,169
2530	Vehicular Brake, Steering, Axle Wheel Comp	255,062	201,724	159,420	156,562

TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Vehicular Equipment Components (CONT)					
2540	Vehicular Furniture and Accessories	40,393	79,957	46,931	68,339
2590	Miscellaneous Vehicular Components	78,439	53,502	113,505	99,467
TOTAL	Vehicular Equipment Components	770,316	702,311	654,774	710,542
Tires and Tubes					
2610	Tires & Tubes, Pneumatic, Except Aircraft	77,054	48,097	46,143	46,978
2620	Tires and Tubes, Pneumatic, Aircraft	56,558	40,962	32,306	30,505
2630	Tires, Solid and Cushion	157	166	126	528
2640	Tire Rebuilding & Tire & Tube Repair Mats	2,315	1,782	1,223	2,071
TOTAL	Tires and Tubes	136,084	91,007	79,798	80,082
Engines, Turbines, and Components					
2805	Gas Reciprocating Eng, Except Acft, Comps	3,586	5,060	42,357	10,025
2810	Gas Reciprocating Eng, Aircraft & Comps	2,190	200	4,282	5,216
2815	Diesel Engines and Components	141,657	157,790	109,295	252,011
2820	Steam Engines, Reciprocating & Components	0	0	79	2,000
2825	Steam Turbines and Components	5,477	23,205	9,886	22,384
2830	Water Turbines & Water Wheels & Comps	3,441	444	7,225	7,780
2835	Gas Turbines and Jet Eng, Ex Acft & Comps	542,771	311,809	479,965	649,151
2840	Gas Turbines and Jet Engines, Acft & Comps	4,114,961	4,148,700	4,168,349	4,866,394
2845	Rocket Engines and Components	1,422	2,929	5,295	91,355
2850	Gasoline Rotary Engines & Components	43,755	44,134	40,737	38,389
2895	Miscellaneous Engines and Components	102,943	134,361	141,692	91,449
TOTAL	Engines, Turbines, and Components	4,962,203	4,871,632	5,009,162	6,016,104
Engine Accessories					
2910	Engine Fuel Sys Components, Nonaircraft	27,739	29,107	40,819	58,407
2915	Engine Fuel System Components, Aircraft	225,702	214,161	206,062	210,052
2920	Engine Electrical Sys Comps, Nonaircraft	46,913	32,291	47,035	69,131
2925	Engine Electrical Sys Comps, Aircraft	31,061	38,372	39,213	43,988
2930	Engine Cooling Sys Comps, Nonaircraft	10,676	15,856	8,243	20,183
2935	Engine Cooling Sys Components, Aircraft	6,037	4,657	10,069	5,783
2940	Eng Filters, Strainers & Cleaners, Nonacft	17,555	4,564	4,245	13,625
2945	Engine Air & Oil Filters - Aircraft	3,113	5,164	3,720	1,437
2950	Turbosuperchargers	3,343	2,159	5,537	6,534
2990	Misc Engine Accessories, Nonaircraft	8,455	14,455	9,888	12,668
2995	Misc Engine Accessories, Aircraft	46,888	86,725	63,470	63,597
TOTAL	Engine Accessories	427,482	447,511	438,301	505,515
Mechanical Power Transmission Equipment					
3010	Torque Converters and Speed Changers	13,508	10,613	15,088	11,718
3020	Gears, Pulleys, Sprockets and Trans Chain	37,590	37,270	27,865	64,477
3030	Beltting, Drive Belts, Fan Belts & Accys	323	437	379	265
3040	Miscellaneous Power Transmission Equip	42,390	37,789	40,094	54,041
TOTAL	Mechanical Power Transmission Equipment	93,811	86,109	83,426	130,501
Bearings					
3110	Bearings, Antifriction, Unmounted	58,801	59,350	65,689	95,645
3120	Bearings, Plain, Unmounted	23,528	23,791	19,927	20,853
3130	Bearings, Mounted	1,205	5,235	5,163	3,087
TOTAL	Bearings	83,534	88,376	90,779	119,585
Woodworking Machinery and Equipment					
3210	Sawmill and Planing Mill Machinery	30	346	230	35
3220	Woodworking Machines	1,299	3,208	1,074	2,243
3230	Tools & Attachments for Woodworking Mach	0	0	0	69
TOTAL	Woodworking Machinery and Equipment	1,329	3,554	1,304	2,347

TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Metalworking Machinery					
3405	Saws and Filing Machines	3,671	1,831	4,087	4,003
3408	Machining Centers & Way-type Machines	17,548	5,264	16,333	23,245
3410	Electrical & Ultrasonic Erosion Machines	538	2,303	1,187	3,569
3411	Boring Machines	4,035	28,676	323	3,935
3412	Broaching Machines	38	117	117	413
3413	Drilling and Tapping Machines	2,546	2,271	9,969	2,944
3414	Gear Cutting and Finishing Machines	432	939	1,307	362
3415	Grinding Machines	6,916	16,776	18,149	20,838
3416	Lathes	17,512	17,275	17,052	25,968
3417	Milling Machines	4,674	9,739	13,575	10,094
3418	Planers and Shapers	0	425	2,509	133
3419	Miscellaneous Machine Tools	3,671	3,777	6,109	3,659
3422	Rolling Mills and Drawing Machines	88	102	173	0
3424	Metal Heat Treating & Non-thermal Equip	1,100	9,603	3,628	6,582
3426	Metal Finishing Equipment	794	2,276	5,173	9,932
3431	Electric Arc Welding Equipment	11,241	2,369	3,902	26,268
3432	Electric Resistance Welding Equipment	304	28	379	1,422
3433	Gas Welding, Heat Cutting, & Metalizing Eq	1,315	3,355	3,389	4,901
3436	Welding Positioners and Manipulators	0	876	86	197
3438	Miscellaneous Welding Equipment	487	752	2,367	4,838
3439	Misc Welding, Soldering & Brazing Supply	4,808	2,797	4,087	6,866
3441	Bending and Forming Machines	5,382	9,246	4,590	9,436
3442	Hydraulic and Pneumatic Presses, Power Dr	431	507	4,718	5,457
3443	Mechanical Presses, Power Driven	709	3,107	3,345	865
3444	Manual Presses	342	132	392	463
3445	Punching and Shearing Machines	4,114	8,282	7,920	2,783
3446	Forging Machinery and Hammers	198	553	924	748
3447	Wire and Metal Ribbon Forming Machines	0	40	200	406
3448	Riveting Machines	101	387	314	70
3449	Misc Secondary Metal Forming & Cutting Mach	61	404	1,038	561
3450	Machine Tools, Portable	1,118	1,657	959	201
3455	Cutting Tools for Machine Tools	948	862	1,681	2,135
3456	Cutting Tools for Secondary Metal Mach	984	142	0	0
3460	Machine Tool Accessories	4,636	1,145	2,036	2,621
3461	Accessories for Secondary Metal Machinery	94	28	231	150
3465	Production Jigs, Fixtures and Templates	334	234	33	56
3470	Machine Shop Sets, Kits, and Outfits	116	1,199	39	93
TOTAL	Metalworking Machinery	101,286	139,476	131,975	186,214
Service and Trade Equipment					
3510	Laundry and Dry Cleaning Equipment	7,591	5,078	25,810	9,932
3520	Shoe Repairing Equipment	0	381	0	33
3530	Indust Sewing Mach & Mobile Tex Repr Shops	765	102	623	1,335
3540	Wrapping and Packaging Machinery	953	1,156	1,455	3,137
3550	Vending and Coin Operated Machines	0	58	188	30
3590	Misc Service and Trade Equipment	4,068	4,394	5,611	4,654
TOTAL	Service and Trade Equipment	13,377	11,169	33,687	19,061
Special Industry Machinery					
3605	Food Products Machinery and Equipment	319	635	214	1,847
3610	Printing, Duplicating & Bookbinding Equip	36,370	29,282	39,490	46,421
3611	Industrial Marking Machines	621	641	468	173
3615	Pulp and Paper Industries Machinery	1,439	4,036	2,139	2,805
3620	Rubber & Plastic Working Machinery	1,292	239	491	1,064
3625	Textile Industries Machinery	421	313	0	636
3630	Clay & Concrete Products Industries Mach	0	70	0	183
3635	Crystal & Glass Industries Machinery	148	25	254	914
3640	Tobacco Manufacturing Machinery	45	0	0	41
3645	Leather Tanning and Working Machinery	101	35	0	0
3650	Chemical and Pharmaceutical Machinery	311	173	456	1,119
3655	Gas Generating and Dispensing Systems	11,713	15,051	25,232	105,524
3660	Industrial Size Reduction Machinery	330	925	375	2,574
3670	Specialized Circuit Board Manufacturing Mach	3,183	2,291	2,134	1,896
3680	Foundry Machinery, Related Equip & Sup	422	2,441	13,098	1,644
3685	Specialized Metal Container Mfg Mach & Eq	27	1,282	335	0
3690	Specialized Ammunition and Ordnance Mach	1,668	4,508	23,592	6,072
3693	Industrial Assembly Machines	85	518	2,303	12,239
3694	Clean Work Stations, Controlled Environ Eq	331	144	320	363
3695	Miscellaneous Special Industry Machinery	6,271	10,025	9,070	11,133
TOTAL	Special Industry Machinery	65,097	74,238	119,971	196,648

TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Agricultural Machinery and Equipment					
3710	Soil Preparation Equipment	113	82	193	37
3720	Harvesting Equipment	116	195	28	180
3730	Dairy, Poultry, and Livestock Equipment	235	0	205	0
3740	Pest, Disease, and Frost Control Equipment	307	217	451	933
3750	Gardening Implements and Tools	1,969	3,414	1,991	2,641
3770	Saddlery, Harness, Whips and Furnishings	297	41	235	505
TOTAL	Agricultural Machinery and Equipment	3,037	3,949	3,103	4,296
Const, Mining, Excavating & Hwy Maint Eq					
3805	Earth Moving and Excavating Equipment	39,828	42,009	57,001	92,071
3810	Cranes and Crane-shovels	29,163	47,539	74,545	87,114
3815	Crane and Crane-shovel Attachments	1,055	1,590	695	2,836
3820	Mining, Rock Drilling, Earth Boring Equip	12,286	1,321	4,838	9,846
3825	Road Clearing and Cleaning Equipment	11,440	35,430	27,546	55,747
3830	Truck and Tractor Attachments	713	1,159	1,056	2,292
3835	Petroleum Production & Distribution Equip	13,789	62,577	7,490	25,897
3895	Miscellaneous Construction Equipment	12,277	10,679	25,744	14,344
TOTAL	Const, Mining, Excavating & Hwy Maint Eq	120,551	202,304	198,915	290,147
Materials Handling Equipment					
3910	Conveyors	6,435	11,153	14,154	13,198
3915	Materials Feeders	741	349	469	225
3920	Mat Handling Equip, Nonself-propelled	4,454	3,847	4,660	10,115
3930	Warehouse Trks & Tractors, Self-propelled	127,920	127,068	196,929	123,952
3940	Blocks Tackle Rigging and Slings	3,046	2,314	5,891	5,579
3950	Winches, Hoists, Cranes and Derricks	39,091	41,906	71,931	68,212
3960	Elevators and Escalators	368	216	205	147
3990	Miscellaneous Materials Handling Equip	77,076	75,841	158,229	88,394
TOTAL	Materials Handling Equipment	259,131	262,694	452,468	309,822
Rope, Cable, Chain and Fittings					
4010	Chain and Wire Rope	12,594	19,555	12,679	22,656
4020	Fiber Rope Cordage and Twine	7,619	3,543	8,544	8,084
4030	Fittings for Rope, Cable and Chain	1,804	3,362	3,799	3,853
TOTAL	Rope, Cable, Chain and Fittings	22,017	26,460	25,022	34,593
Refrigeration, AC & Air Circulating Equip					
4110	Refrigeration Equip	19,753	21,037	24,099	22,532
4120	Air Conditioning Equip	36,555	41,308	30,195	94,294
4130	Refrigeration and Air Conditioning Comps	14,650	7,658	13,348	15,121
4140	Fans, Air Circulators & Blower Equip	12,944	17,943	17,223	30,880
TOTAL	Refrigeration, AC & Air Circulating Equip	83,902	87,946	84,865	162,827
Fire Fighting, Rescue & Safety Equipment					
4210	Fire Fighting Equipment	96,931	75,149	76,181	97,252
4220	Marine Lifesaving and Diving Equipment	17,612	22,975	14,131	28,536
4230	Decontaminating and Impregnating Equip	12,431	19,928	39,312	52,669
4240	Safety and Rescue Equipment	114,243	111,720	116,296	69,179
TOTAL	Fire Fighting, Rescue & Safety Equipment	241,217	229,772	245,920	247,636
Pumps and Compressors					
4310	Compressors and Vacuum Pumps	26,888	40,985	36,159	45,867
4320	Power and Hand Pumps	80,567	77,233	86,176	145,846
4330	Centrifugals, Separators, and Filters	13,306	10,821	15,634	15,470
TOTAL	Pumps and Compressors	120,561	129,039	139,969	207,183

TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
	Furnace, Steam Plant, Drying Equip & Nucl				
4410	Inc. Boilers	4,053	10,583	17,693	5,805
4420	H. angers and Steam Condensers	2,437	5,724	6,966	10,866
4430	I. al Furnaces, Kilns, Lehrs & Ovens	5,495	5,738	6,343	1,623
4440	Drie.s, Dehydrators and Anhydrators	4,087	2,466	2,564	3,924
4460	Air Purification Equipment	2,375	2,130	20,865	5,455
4470	Nuclear Reactors	675,627	609,404	1,436,430	929,039
TOTAL	Furnace, Steam Plant, Drying Equip & Nucl	694,074	636,045	1,490,861	956,712
	Plumbing, Heating & Sanitation Equipment				
4510	Plumbing Fixtures and Accessories	7,008	3,361	11,285	8,115
4520	Space Heating Eq & Domestic Water Heaters	5,556	17,090	25,110	31,792
4530	Fuel Burning Equipment Units	1,522	2,106	1,036	2,659
4540	Misc Plumbing, Heating & Sanitation Equip	2,699	2,840	6,263	4,270
TOTAL	Plumbing, Heating & Sanitation Equipment	16,785	25,397	43,694	46,836
	Water Purification & Sewage Treatment Eq				
4610	Water Purification Equipment	25,761	5,734	24,824	53,971
4620	Water Distillation Equip Marine & Indust	2,410	944	1,706	1,792
4630	Sewage Treatment Equipment	922	1,407	1,482	978
TOTAL	Water Purification & Sewage Treatment Eq	29,093	8,085	28,012	56,741
	Pipe, Tubing, Hose & Fittings				
4710	Pipe and Tube	21,182	25,140	26,168	25,556
4720	Hose and Tubing, Flexible	15,093	16,747	22,633	25,597
4730	Fittings & Specialties; Hose, Pipe & Tube	28,418	37,723	33,008	35,636
TOTAL	Pipe, Tubing, Hose & Fittings	64,693	79,610	81,809	86,789
	Valves				
4810	Valves, Powered	45,081	52,124	40,016	20,103
4820	Valves, Nonpowered	65,763	83,359	81,149	108,608
TOTAL	Valves	110,844	135,483	121,165	128,711
	Maintenance & Repair Shop Equipment				
4910	Motor Veh Maint & Repr Shop Specilized Eq	34,305	37,835	24,621	65,926
4920	Acft Maint & Repair Shop Specilized Equip	283,599	607,153	469,124	396,802
4921	Torpedo Maint, Repair & Checkout Spec Eq	750	1,783	3,306	4,458
4923	Depth Charges, Mines Maint & Repair Equip	286	39	392	30
4925	Ammunition Maint, Repr & Checkout Spec Eq	2,350	4,844	2,965	1,272
4927	Rocket Maint, Repair & Checkout Spec Equip	189	4,266	4,108	5,563
4930	Lubrication & Fuel Dispensing Equipment	21,654	20,987	20,799	19,033
4931	Fire Control Maint & Repair Shop Spec Eq	27,599	4,949	29,421	34,044
4933	Weapons Maint, Repair & Checkout Spec Eq	4,783	16,728	21,307	39,180
4935	Guided Missile Maint, Repair Specilized Eq	68,860	82,335	64,653	177,745
4940	Miscellaneous Maint, Repair Specilized Eq	91,412	31,387	52,938	83,531
4960	Space Vehicle Maint, Repair Specilized Eq	0	0	46	103
TOTAL	Maintenance & Repair Shop Equipment	535,797	812,306	693,680	827,687
	Hand Tools				
5110	Hand Tools, Edged, Nonpowered	247	68	196	176
5120	Hand Tools, Nonedged, Nonpowered	6,052	4,509	5,652	6,762
5130	Hand Tools, Power Driven	4,410	3,007	2,170	2,644
5133	Drill Bits, Counterbores, and Countersinks	149	41	87	197
5136	Taps, Dies, and Collets: Hand and Machine	142	99	0	427
5140	Tool and Hardware Boxes	44	448	1,609	829
5180	Sets, Kits and Outfits of Hand Tools	8,092	8,154	10,650	15,967
TOTAL	Hand Tools	19,136	16,326	20,364	27,002

TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Measuring Tools					
S210	Measuring Tools, Craftsmen's	1,232	1,066	1,394	830
S220	Inspection Gauges & Precision Layout Tools	4,379	2,558	7,172	2,976
S280	Sets, Kits and Outfits of Measuring Tools	2,011	505	372	1,107
TOTAL	Measuring Tools	7,622	4,129	8,938	4,913
Hardware and Abrasives					
S305	Screws	3,530	7,446	7,262	7,129
S306	Bolts	8,168	6,367	6,652	8,301
S307	Studs	715	1,988	1,048	1,472
S310	Nuts and Washers	9,899	14,575	14,397	22,844
S315	Nails, Keys and Pins	1,648	7,530	7,349	3,640
S320	Rivets	3,356	5,279	5,368	8,345
S325	Fastening Devices	1,550	1,192	2,910	6,043
S330	Packing and Gasket Materials	20,694	24,765	29,083	39,897
S335	Metal Screening	67	128	368	544
S340	Miscellaneous Hardware	37,215	41,738	35,415	32,466
S345	Disks and Stones, Abrasive	442	1,378	585	975
S350	Abrasive Materials	3,760	2,847	2,555	1,539
S355	Knobs and Pointers	267	337	558	759
S360	Coil, flat and Wire Springs	607	1,449	1,976	4,989
S365	Rings, Shims and Spacers	4,779	5,986	8,470	4,888
TOTAL	Hardware and Abrasives	96,697	123,005	123,996	143,831
Prefabricated Structures & Scaffolding					
S410	Prefabricated and Portable Buildings	30,311	32,075	52,215	38,087
S411	Rigid Wall Shelters	27,855	50,548	84,044	21,458
S420	Bridges, Fixed and Floating	7,004	2,837	1,569	36,027
S430	Storage Tanks	13,643	20,840	33,042	42,959
S440	Scaffolding Equipment and Concrete Forms	3,831	1,491	2,586	2,624
S445	Prefabricated Tower Structures	1,765	176	1,435	784
S450	Miscellaneous Prefabricated Structures	11,870	6,499	14,565	16,274
TOTAL	Prefabricated Structures & Scaffolding	96,279	114,466	189,456	158,213
Lumber, Millwork, Plywood & Veneer					
S510	Lumber and Related Basic Wood Materials	23,814	14,270	17,196	22,270
S520	Millwork	246	322	235	0
S530	Plywood and Veneer	4,749	8,637	6,137	8,675
TOTAL	Lumber, Millwork, Plywood & Veneer	28,809	23,229	23,568	30,945
Construction & Building Materials					
S610	Mineral Construction Materials, Bulk	14,124	9,250	15,312	12,823
S620	Building Glass, Tile, Brick and Block	758	5,867	4,092	6,639
S630	Pipe and Conduit, Nonmetallic	280	239	374	465
S640	Wallboard Bldg & Thermal Insulation Mat	1,351	1,616	2,285	1,957
S650	Roofing and Siding Materials	367	213	1,986	204
S660	Fencing, Fences and Gates	7,183	15,869	5,816	3,945
S670	Building Components, Prefabricated	1,649	1,161	2,779	2,620
S680	Miscellaneous Construction Materials	24,066	29,815	40,901	22,634
TOTAL	Construction & Building Materials	49,778	64,030	73,545	51,287
Communication, Detection, & Coherent Radiation Eq					
S805	Telephone and Telegraph Equipment	202,339	155,568	176,614	162,754
S810	Communications Security Equip and Comps	553,435	184,415	111,360	575,367
S811	Other Cryptologic Equipment & Components	6,491	35,271	17,864	67,353
S815	Teletype and Facsimile Equipment	36,647	54,156	45,868	44,435
S820	Radio & TV Comm Equipment, Except Airborne	447,717	729,533	784,676	778,407
S821	Radio and TV Comm Equipment, Airborne	205,315	146,945	124,251	289,175
S825	Radio Navigation Equip, Except Airborne	219,956	107,103	96,859	6,642
S826	Radio Navigation Equipment, Airborne	112,149	158,140	136,958	89,848
S830	Intercomm Public Address Sys, Ex Airborne	30,466	35,011	22,993	15,735

TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Communication, Detection, & Coherent Radiation Eq (CONT)					
5831	Intercomm Public Address Sys, Airborne	5,207	2,545	8,364	90
5835	Sound Recording & Reproducing Equipment	61,335	50,166	57,733	51,154
5836	Video Recording and Reproducing Equipment	10,687	16,149	23,304	28,816
5840	Radar Equipment, Except Airborne	793,341	566,250	486,826	847,115
5841	Radar Equipment, Airborne	1,388,396	1,047,900	1,147,187	1,126,699
5845	Underwater Sound Equipment	1,566,872	993,839	1,049,072	950,689
5850	Visible & Invisible Light Comm Equipment	2,342	3,307	287	2,309
5855	Night Vision Equipment	316,207	435,785	406,790	241,910
5860	Stimulated Coherent Radiation Devices	7,905	10,399	6,312	13,406
5865	Elct Countermeasures & Quick Reaction Eq	1,204,509	1,992,383	1,525,677	2,803,964
5895	Miscellaneous Communication Equipment	2,113,344	3,541,299	1,561,166	2,810,175
TOTAL	Communication, Detection, & Coherent Radiation Eq	9,284,660	10,246,164	7,790,161	10,906,043
Electrical & Electronic Equip Components					
5905	Resistors	5,207	7,284	9,198	10,696
5910	Capacitors	2,408	3,278	2,155	2,782
5915	Filters and Networks	19,145	13,422	11,165	17,760
5920	Fuses, Arrestors, Absorbers, & Protectors	18,315	2,767	8,140	3,734
5925	Circuit Breakers	13,717	8,219	9,913	16,195
5930	Switches	41,672	40,655	40,223	40,936
5935	Connectors Electrical	24,622	23,984	34,058	29,378
5940	Lugs Terminals and Terminal Strips	3,000	5,833	5,694	5,851
5945	Relays and Solenoids	26,473	20,213	24,631	27,111
5950	Coils and Transformers	10,802	10,484	12,138	17,221
5955	Piezoelectric Crystals	3,659	6,770	5,815	18,782
5960	Electron Tubes & Assoc Hardware	159,862	122,614	150,792	236,694
5961	Semiconductor Devices & Assoc Hardware	5,052	12,864	21,475	12,689
5962	Microcircuits - Electronic	35,013	42,783	46,871	48,193
5963	Electronic Modules	252,233	323,163	410,373	325,699
5965	Headsets, Handsets, Microphones & Speakers	14,327	24,435	25,062	35,626
5970	Elec Insulators and Insulating Material	3,252	3,000	3,688	3,984
5975	Electrical Hardware and Supplies	14,097	10,936	19,220	27,001
5977	Electrical Contact Brushes & Electrodes	2,976	2,215	1,587	3,594
5980	Optoelectronic Devices & Assoc Hardware	6,171	2,331	2,693	565
5985	Antennas, Waveguides & Related Equipment	191,035	145,357	166,725	199,734
5990	Synchros and Resolvers	9,946	7,543	12,490	32,584
5995	Cable, Cord, Wire Assemblies, Comm Equip	44,970	48,065	115,876	75,732
5998	Electrical & Elct Assys, Boards, Cards	60,860	51,183	0	0
5999	Msc Electrical and Electronic Components	328,126	411,130	442,674	764,831
TOTAL	Electrical & Electronic Equip Components	1,296,940	1,360,558	1,582,656	1,957,372
Fiber Optics Mats, Components, Assemblies, & Accys					
6008	Optical Multiplexers/Demultiplexers	99	0	0	0
6010	Fiber Optic Conductors	50	228	8,008	361
6015	Fiber Optic Cables	17,586	25,943	4,727	3,658
6020	Fiber Optic Cable Assemblies and Harnesses	975	1,185	564	257
6030	Fiber Optic Devices	4,411	4,565	1,997	12,570
6035	Fiber Optic Light Transfer and Image Transfer Dev	80	0	0	0
6060	Fiber Optic Interconnectors and Supplies	145	337	76	278
6070	Fiber Optic Accessories and Supplies	860	4,391	1,086	1,208
6080	Fiber Optic Kits & Sets	408	4,765	175	4,574
6099	Miscellaneous Fiber Optic Components	186	0	0	0
TOTAL	Fiber Optics Mats, Components, Assemblies, & Accys	24,800	41,414	16,633	22,906
Electric Wire & Power Distribution Equip					
6105	Motors, Electrical	29,096	43,017	38,176	43,000
6110	Electrical Control Equipment	31,538	47,742	65,467	55,093
6115	Generators and Generator Sets, Electrical	151,297	128,561	277,868	153,572
6116	Fuel Cell Power Units and Comps	475	561	1,567	2,974
6117	Solar Electric Power Systems	1,266	0	0	0
6120	Transformers, Distribution & Power Station	8,359	6,915	5,263	9,726
6125	Converters, Electrical, Rotating	4,047	10,021	14,772	72,276
6130	Converters, Electrical, Nonrotating	113,417	75,052	89,811	61,784
6135	Batteries, Nonrechargeable	165,741	70,129	93,762	91,929
6140	Batteries, Rechargeable	58,758	47,786	40,110	45,398
6145	Wire and Cable, Electrical	44,986	50,798	48,362	33,903

TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Electric Wire & Power Distribution Equip (CONT)					
6150	Misc Electric Power & Distribution Eq	59,044	76,890	84,392	59,058
TOTAL	Electric Wire & Power Distribution Equip	668,024	557,472	759,550	628,713
Lighting Fixtures and Lamps					
6210	Electric Lighting Fixtures-indoor, Outdoor	8,302	7,625	18,590	11,015
6220	Electric Vehicular Lights and Fixtures	21,680	16,955	14,546	25,003
6230	Electric Portable & Hand Lighting Equip	14,381	12,857	33,287	8,423
6240	Electric Lamps	7,303	4,836	8,599	13,109
6250	Ballasts, Lampholders and Starters	723	1,786	1,659	1,070
6260	Nonelectrical Lighting Fixtures	10,407	9,808	11,623	7,414
TOTAL	Lighting Fixtures and Lamps	62,796	53,867	88,304	66,034
Alarm, Signal, & Security Detection Systems					
6310	Traffic and Transit Signal Systems	406	38-	648	401
6320	Shipboard Alarm and Signal Systems	823	2,444	3,083	5,976
6330	Railroad Signal and Warning Devices	0	0	80	163
6340	Aircraft Alarm and Signal Systems	14,919	9,245	8,801	4,225
6350	Misc Alarm, Signal and Security Systems	32,576	16,246	74,166	42,296
TOTAL	Alarm, Signal, & Security Detection Systems	48,724	27,897	86,778	53,061
Medical, Dental, & Veterinary Eq & Sup					
6505	Drugs, Biologicals	260,068	236,055	267,344	265,213
6506	Blood	0	0	0	60
6508	Medicated Cosmetics and Toiletries	488	28	0	414
6510	Surgical Dressing Materials	24,580	27,292	20,553	32,746
6515	Medical & Surgical Instruments, Equip & Supplies	91,472	101,078	98,845	107,542
6520	Dental Instruments, Equip and Supplies	7,428	9,134	8,302	16,928
6525	X-ray Equip & Sup; Medical, Dental & Vet	56,429	25,629	51,448	52,831
6530	Hospital Furniture, Equip, Utensils & Sup	64,058	37,532	34,276	49,256
6532	Hospital & Surgical Clothing	4,189	5,936	7,879	10,683
6540	Ophthalmic Instruments, Equip & Supplies	6,506	6,522	22,679	5,657
6545	Medical Sets, Kits and Outfits	18,554	14,313	7,557	9,777
6550	In Vitro Diagnostic Substances, Reagents	13,442	12,606	13,999	12,281
TOTAL	Medical, Dental, & Veterinary Eq & Sup	547,214	476,125	532,782	563,388
Instruments and Laboratory Equipment					
6605	Navigational Instruments	228,214	107,391	227,313	383,030
6610	Flight Instruments	27,325	85,587	42,144	118,970
6615	Automatic Pilot Mechanisms Airborne Gyro	40,177	87,359	99,236	108,589
6620	Engine Instruments	37,461	29,621	38,332	60,575
6625	Electrical & Elct Meas & Test Instruments	413,345	494,157	503,765	535,672
6630	Chemical Analysis Instruments	21,286	15,045	19,798	21,529
6635	Physical Properties Testing Equipment	31,821	22,774	33,590	37,594
6636	Environmental Chambers and Related Equip	3,901	8,341	22,005	16,864
6640	Laboratory Equipment and Supplies	43,188	28,287	44,542	87,927
6645	Time Measuring Instruments	10,839	4,201	10,495	11,754
6650	Optical Instruments, Test Equip, Comps & Accys	39,348	36,389	70,523	51,134
6655	Geophysical Instruments	1,404	433	2,788	6,386
6660	Meteorological Instruments and Apparatus	22,362	13,483	23,744	22,127
6665	Hazard-detecting Instruments & Apparatus	63,324	70,472	43,951	48,997
6670	Scales and Balances	1,989	3,094	3,112	4,279
6675	Drafting, Surveying & Mapping Instruments	6,064	45,119	30,949	58,924
6680	Flow, Level, Motion Measuring Instruments	26,370	30,439	53,898	53,182
6685	Pressure, Temperature & Humidity Insts	38,123	58,340	55,024	46,661
6695	Combination & Miscellaneous Instruments	27,838	36,938	48,833	46,156
TOTAL	Instruments and Laboratory Equipment	1,084,379	1,177,470	1,374,042	1,721,350
Photographic Equipment					
6710	Cameras, Motion Picture	6,507	2,229	5,165	15,751
6720	Cameras, Still Picture	2,106	10,098	5,118	33,119

TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Photographic Equipment (CONT)					
6730	Photographic Projection Equipment	5,787	7,866	6,478	7,539
6740	Photo Developing and Finishing Equip	8,913	13,123	10,817	16,969
6750	Photographic Supplies	8,966	11,486	12,957	18,285
6760	Photographic Equipment and Accessories	6,987	11,597	13,916	55,364
6770	Film, Processed	2,037	1,332	894	5,025
6780	Photographic Sets, Kits and Outfits	994	2,037	7,861	5,177
TOTAL	Photographic Equipment	~2,297	59,768	63,206	157,229
Chemicals and Chemical Products					
6810	Chemicals	25,973	20,011	19,037	25,450
6820	Dyes	96	1,158	1,533	7,533
6830	Gases, Compressed and Liquefied	24,750	10,584	11,033	10,844
6840	Pest Control Agents and Disinfectants	11,578	5,547	9,086	14,157
6850	Miscellaneous Chemical Specialties	53,360	52,186	30,453	30,501
TOTAL	Chemicals and Chemical Products	115,757	89,486	71,142	88,485
Training Aids and Devices					
6910	Training Aids	106,812	151,780	146,806	130,297
6920	Armament Training Devices	146,611	110,982	113,998	180,175
6930	Operational Training Devices	450,679	247,847	359,048	615,294
6940	Communication Training Devices	71,445	42,566	44,143	17,099
TOTAL	Training Aids and Devices	775 547	553,177	663,995	942,865
General Purpose ADP Eq Software Sup & Eq					
7010	ADPE Configuration	769,831	1,005,329	1,197,347	1,490,894
7020	ADP Central Processing Unit - Analog	34,506	23,729	18,911	36,606
7021	ADP Central Processing Unit - Digital	158,888	37,888	74,544	71,277
7022	ADP Central Processing Unit - Hybrid	5,239	6,978	13,202	8,111
7025	ADP Input/output and Storage Devices	290,537	273,943	288,360	414,408
7030	ADP Software	195,650	160,981	153,427	178,466
7035	ADP Support Equip	261,692	217,482	230,884	336,438
7040	Punched Card Equip	2,176	3,451	2,871	4,361
7042	Mini & Micro Computer Control Devices	43,154	31,962	68,994	45,747
7045	ADP Supplies	88,734	76,619	118,823	102,108
7050	ADP Components	99,426	138,597	192,675	333,143
TOTAL	General Purpose ADP Eq Software Sup & Eq	1,949,833	1,974,959	2,360,038	3,021,559
Furniture					
7105	Household Furniture	46,128	~9,234	50,588	62,212
7110	Office Furniture	128,533	146,207	109,908	153,992
7125	Cabinets, Lockers, Bins and Shelving	25,570	24,381	30,593	37,165
7195	Miscellaneous Furniture and Fixtures	20,228	25,592	19,147	24,023
TOTAL	Furniture	220,459	235,414	210,236	277,392
Household & Coml Furnishings & Appliances					
7210	Household Furnishings	21,521	30,593	30,221	43,799
7220	Floor Coverings	10,125	9,154	11,311	14,558
7230	Draperies, Awnings and Shades	4,900	5,330	6,828	6,297
7240	Household and Commercial Util Containers	2,894	1,562	3,512	4,748
7290	Msc Household Coml Furnishings Appliances	2,434	1,504	1,921	770
TOTAL	Household & Coml Furnishings & Appliances	41,874	48,143	53,793	70,172
Food Preparation and Serving Equipment					
7310	Food Cooking Baking Serving Equip	11,195	14,898	16,785	24,349
7320	Kitchen Equipment and Appliances	8,699	8,500	8,433	13,410
7330	Kitchen Hand Tools and Utensils	661	3,800	14-	4,125
7340	Cutlery and Flatware	3,235	144	1,493	1,894

TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Food Preparation and Serving Equipment (CONT)					
7350	Tableware	3,557	3,959	4,410	2,781
7360	Sets, Kits, Outfits, & Modules, Food Prep & Serving	24,008	8,579	21,484	12,462
TOTAL	Food Preparation and Serving Equipment	51,355	39,880	52,591	59,021
Office Machines & Visible Record Equipment					
7420	Accounting and Calculating Machines	505	424	3,827	796
7430	Typewriters & Office Type Composing Mach	1,063	1,974	1,907	4,133
7435	Office Information System Equipment	2,117	2,313	10,276	17,858
7450	Office Type Sound Recording Repro Mach	1,457	2,372	1,989	2,501
7460	Visible Record Equipment	4,153	5,765	7,428	7,675
7490	Miscellaneous Office Machines	3,414	5,315	6,679	8,185
TOTAL	Office Machines & Visible Record Equipment	12,709	18,163	32,106	41,148
Office Supplies and Devices					
7510	Office Supplies	4,366	1,927	2,301	6,232
7520	Office Devices and Accessories	238	700	304	654
7530	Stationery and Record Forms	26,109	22,534	20,768	22,107
7540	Standard Forms	357	0	56	46
TOTAL	Office Supplies and Devices	31,070	25,161	23,429	29,039
Books, Maps, Other Publications					
7610	Books and Pamphlets	9,489	14,578	15,323	16,984
7630	Newspapers and Periodicals	4,935	3,666	5,614	3,611
7640	Maps, Atlases Charts and Globes	12,307	7,711	7,497	4,324
7650	Drawings and Specifications	907	3,021	4,886	4,498
7670	Microfilm Processed	3,040	8,383	4,533	5,051
7690	Miscellaneous Printed Matter	102,521	133,510	134,948	81,955
TOTAL	Books, Maps, Other Publications	133,199	170,869	172,801	115,423
Musical Inst, Phonographs, Home Type Radio					
7710	Musical Instruments	724	3,219	954	370
7720	Musical Instrument Parts and Accessories	0	182	144	241
7730	Phonographs, Radios, TV Sets: Home Type	812	1,116	633	1,495
7740	Phonograph Records	284	0	230	662
TOTAL	Musical Inst, Phonographs, Home Type Radio	1,820	4,517	1,961	2,768
Recreational and Athletic Equipment					
7810	Athletic and Sporting Equipment	3,573	1,049	1,335	3,070
7820	Games, Toys and Wheeled Goods	373	147	324	454
7830	Recreational and Gymnastic Equipment	5,119	2,099	4,255	6,225
TOTAL	Recreational and Athletic Equipment	9,065	3,295	5,914	9,749
Cleaning Equipment and Supplies					
7910	Floor Polishers and Vacuum Cleaners	1,617	3,548	1,022	1,550
7920	Brooms, Brushes, Mops and Sponges	3,207	2,542	759	1,186
7930	Cleaning & Polishing Compounds & Preps	57,673	40,007	34,141	30,820
TOTAL	Cleaning Equipment and Supplies	62,497	46,097	35,922	33,556
Brushes, Paints, Sealers and Adhesives					
8010	Paints, Dopes, Varnishes & Related Product	6,130	7,677	4,677	7,031
8020	Paint and Artists' Brushes	0	43	29	186
8030	Preservative and Sealing Compounds	1,083	1,646	881	1,030
8040	Adhesives	537	1,102	435	410
TOTAL	Brushes, Paints, Sealers and Adhesives	7,750	10,468	6,022	8,657

TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Containers, Packaging & Packing Supplies					
8105	Bags and Sacks	7,762	9,237	6,961	11,186
8110	Drums and Cans	7,793	3,017	7,029	16,964
8115	Boxes, Cartons and Crates	15,931	18,445	19,998	3,450
8120	Commercial & Industrial Gas Cylinders	2,076	1,743	3,786	3,507
8125	Bottles and Jars	259	49	145	127
8130	Reels and Spools	548	189	705	860
8135	Packaging and Packing Bulk Materials	6,358	6,308	5,630	5,283
8140	Ammunition & Nuclear Ordnance Containers	53,764	107,880	27,957	52,708
8145	Specialized Shipping & Storage Containers	28,663	56,142	93,051	72,153
TOTAL	Containers, Packaging & Packing Supplies	123,154	203,010	165,262	166,238
Tex/lthr/furs/apparel/findings/tents/flags					
8305	Textile Fabrics	27,418	98,214	105,184	169,867
8310	Yarn and Thread	853	0	41	0
8315	Notions and Apparel Findings	2,204	2,069	1,605	2,844
8320	Padding and Stuffing Materials	39	69	0	39
8330	Leather	337	142	0	35
8335	Shoe Findings and Soling Materials	0	312	265	112
8340	Tents and Tarpaulins	33,223	67,497	69,397	84,892
8345	Flags and Pennants	2,631	2,135	3,320	4,306
TOTAL	Tex/lthr/furs/apparel/findings/tents/flags	66,705	170,438	179,812	262,095
Clothing, Individual Equipment & Insignia					
8405	Outerwear, Men's	97,448	151,784	218,183	186,172
8410	Outerwear, Women's	30,284	19,589	34,930	42,604
8415	Clothing, Special Purpose	377,062	280,844	345,712	330,697
8420	Underwear and Nightwear, Men's	21,799	4,293	55,838	11,853
8425	Underwear and Nightwear, Women's	12,154	277	0	0
8430	Footwear, Men's	99,850	148,509	159,895	114,728
8435	Footwear, Women's	129	7,331	5,405	2,165
8440	Hosiery, Handwear & Clothing Accy, Men's	16,337	21,907	22,369	28,203
8445	Hosiery Handwear & Clothing Accy, Women's	1,438	1,325	3,467	2,566
8450	Children's & Infant's Apparel & Accy	15,764	17,401	17,086	23,374
8455	Badges and Insignia	8,595	11,737	8,216	7,245
8460	Luggage	3,405	3,538	7,145	10,469
8465	Individual Equipment	6,211	31,573	66,978	65,402
8470	Armor, Personal	38,290	68,957	71,591	69,999
8475	Specilized Flight Clothing & Accessories	44,747	15,028	32,443	14,864
TOTAL	Clothing, Individual Equipment & Insignia	773,513	784,093	1,049,258	910,341
Toiletries					
8510	Perfumes, Toilet Preparations and Powders	10,389	10,937	16,591	10,495
8520	Toilet Soap, Shaving Prep, Dentifrices	6,893	4,784	3,921	5,793
8530	Personal Toiletry Articles	4,535	2,764	2,708	3,353
8540	Toiletry Paper Products	22,645	14,955	13,216	15,410
TOTAL	Toiletries	44,462	33,440	36,436	35,051
Agricultural Supplies					
8710	Forage and Feed	11,744	9,577	12,001	9,163
8720	Fertilizers	566	42	64	393
8730	Seeds and Nursery Stock	413	256	391	592
TOTAL	Agricultural Supplies	12,723	9,875	12,456	10,148
Live Animals					
8810	Live Animals Raised for Food	247	600	204	0
8820	Live Animals not Raised for Food	631	565	611	788
TOTAL	Live Animals	878	1,165	815	788

TABLE 3B. Supplies and Equipment

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
Subsistence					
8905	Meat, Poultry and Fish	560,742	439,966	480,131	426,587
8910	Dairy Foods and Eggs	151,128	128,031	124,871	127,073
8915	Fruits and Vegetables	146,130	181,948	151,136	128,607
8920	Bakery and Cereal Products	148,600	126,817	135,905	106,029
8925	Sugar, Confectionery and Nuts	56,626	64,232	48,107	44,221
8930	Jams, Jellies and Preserves	12,773	10,902	11,623	8,425
8935	Soups and Bouillons	7,062	11,303	8,062	13,013
8940	Special Dietary Foods & Specialty Prep	204,609	138,196	148,709	132,167
8945	Food, Oils and Fats	16,627	16,204	12,745	11,882
8950	Condiments and Related Products	38,886	32,578	39,489	39,412
8955	Coffee, Tea and Cocoa	24,263	32,289	26,118	47,387
8960	Beverages, Nonalcoholic	40,500	33,237	20,281	25,682
8965	Beverages, Alcoholic	0	0	0	25
8970	Composite Food Packages	167,792	69,236	61,976	76,333
8975	Tobacco Products	98,835	102,429	94,631	92,377
8999	Food Items for Resale	144,623	75,271	92,939	73,391
TOTAL	Subsistence	1,819,196	1,462,639	1,456,723	1,352,611
Fuels, Lubricants, Oils and Waxes					
9110	Fuels, Solid	34,949	57,976	76,065	83,570
9130	Liquid Propellants & Fuel, Petroleum Base	3,818,132	3,595,203	3,522,114	3,150,244
9135	Liquid Propellant Fuels, Chemical Base	93,163	42,957	42,133	45,824
9140	Fuel Oils	1,129,843	794,934	834,216	931,591
9150	Oils & Greases: Cutting, Lubr & Hydraulic	79,719	57,919	67,497	102,623
9160	Miscellaneous Waxes, Oils and Fats	7,785	401	606	4,905
TOTAL	Fuels, Lubricants, Oils and Waxes	5,163,591	4,549,390	4,542,631	4,318,757
Nonmetallic Fabricated Materials					
9310	Paper and Paperboard	3,400	5,231	3,121	4,542
9320	Rubber Fabricated Materials	6,189	8,163	12,814	3,581
9330	Plastics Fabricated Materials	11,047	9,612	19,952	12,428
9340	Glass Fabricated Materials	1,713	2,360	1,083	1,451
9350	Refractories & Fire Surfacing Materials	1,270	38	173	379
9390	Misc Fabricated Nonmetallic Materials	17,029	2,938	3,485	6,426
TOTAL	Nonmetallic Fabricated Materials	40,648	28,342	40,628	28,807
Nonmetallic Crude Materials					
9410	Crude Grades of Plant Materials	0	0	33	0
9420	Fibers: Vegetable, Animal and Synthetic	268	0	0	0
9430	Misc Crude Animal Products, Inedible	0	32-	0	0
9440	Misc Crude Agricultural & Forestry Prod	0	0	0	27
9450	Nonmetallic Scrap, Except Textile	103	0	0	0
TOTAL	Nonmetallic Crude Materials	371	32-	33	27
Metal Bars, Sheets and Shapes					
9505	Wire, Nonelectrical, Iron and Steel	12,163	4,532	3,067	1,034
9510	Bars and Rods, Iron and Steel	4,439	8,855	3,613	4,293
9515	Plate, Sheet, Strip & Foil: Iron and Steel	14,628	15,232	24,672	41,283
9520	Structural Shapes, Iron and Steel	4,241	5,365	5,468	4,717
9525	Wire, Nonelectrical, Nonferrous Base Metal	388	375	218	637
9530	Bars and Rods, Nonferrous Base Metal	4,934	9,195	4,005	2,599
9535	Plate Sheet Strip Foil: Nonferrous Metal	13,844	25,654	18,527	13,882
9540	Structural Shapes, Nonferrous Base Metal	2,404	948	2,623	2,127
9545	Plate Sheet Strip & Wire: Precious Metal	140	37	82	110
TOTAL	Metal Bars, Sheets and Shapes	57,191	70,193	62,275	70,662
Ores, Minerals, and Their Primary Products					
9610	Ores	92	0	252	237
9620	Minerals, Natural and Synthetic	109,539	1,975	3,180	2,059
9630	Additive Metal Materials & Master Alloys	135	194	164	342

TABLE 3B. Supplies and Equipment

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	FISCAL YEAR			
		1990	1989	1988	1987
	Ores, Minerals, and Their Primary Products (CONT)				
9640	Iron & Steel Primary & Semifinished Prod	1,196	2,679	4,121	1,838
9650	Nonferrous Base Metal Refinery	2,482	2,616	3,077	586
9660	Precious Metals Primary Forms	151	486	162	74
9670	Iron and Steel Scrap	47	74	0	0
TOTAL	Ores, Minerals, and Their Primary Products	113,642	8,024	10,956	5,136
	Miscellaneous				
9905	Signs, Advertizing Displays, Ident Plates	1,825	1,264	1,631	5,316
9910	Jewelry	0	377	27	96
9915	Collectors and/or Historical Items	0	0	110	0
9920	Smokers' Articles and Matches	566	310	679	99
9925	Ecclesiastical Equip, Furnishings & Sup	38	70	289	357
9930	Memorials; Cemeterial & Mortuary Eq & Sup	40	196	269	2,960
9938	Nonfood Items for Resale	41,230	34,084	36,226	21,852
9999	Miscellaneous Items	2,181,638	2,368,885	2,891,522	565,131
TOTAL	Miscellaneous	2,225,337	2,405,186	2,930,753	595,811
	T O T A L SUPPLIES AND EQUIPMENT	71,999,150	72,503,242	78,524,948	82,615,425

TABLE 4

Net Value of
Prime Contract Awards Over \$25,000
by Federal Supply Classification
Code and Description, and by
DoD Component for FY 1990

TABLE 4-1
Research, Development, Test, and Evaluation
by DoD Component
Fiscal Year 1990

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	DoD COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
AA11	RDTE/Agr-Insect & Disease Cntl-Basic Resea	140	0	140	0	0	0	0
AB13	RDTE/Crime Prevention & Control-Advanced D	400	0	400	0	0	0	0
AB15	RDTE/Crime Prevention & Control-Op Systems	27	27	0	0	0	0	0
AB91	RDTE/Other Community Svcs & Develop-Basic	1,220	0	0	0	0	0	1,220
AB92	RDTE/Other Community Svcs & Develop-Explor	100	0	0	0	0	0	100
AB93	RDTE/Other Community Svcs & Develop-Advanc	1,705	1,705	0	0	0	0	0
AB96	RDTE/Other Community Svcs & Develop-Mgmt &	305	0	305	0	0	0	0
AC11	RDTE/Aircraft-Basic Research	194,683-	255	196,471-	1,533	0	0	0
AC12	RDTE/Aircraft-Exploratory Development	26,271	7,755	15,477	3,039	0	0	0
AC13	RDTE/Aircraft-Advanced Development	1,543,954	211,707	15,179	1,317,068	0	0	0
AC14	RDTE/Aircraft-Engineering Development	2,712,479	125,616	1,311,101	1,275,762	0	0	0
AC15	RDTE/Aircraft-Operational Systems Developm	108,230	3,533	41,184	63,513	0	0	0
AC16	RDTE/Aircraft-Management & Support	29,842	20,813	1,401	7,628	0	0	0
AC21	RDTE/Missile and Space Systems-Basic Resea	136,484	43,833	60,283	32,368	0	0	0
AC22	RDTE/Missile and Space Systems-Exploratory	100,072	41,741	6,228	50,782	0	0	1,321
AC23	RDTE/Missile and Space Systems-Advanced De	1,339,691	879,703	26,556	433,432	0	0	0
AC24	RDTE/Missile and Space Systems-Engr Develo	1,388,364	273,043	199,462	915,859	0	0	0
AC25	RDTE/Missile and Space Systems-Op Systems	1,717,974	22,772	10,834	1,678,611	0	0	5,757
AC26	RDTE/Missile and Space Systems-Mgmt & Supp	44,422	2,159	29,270	12,559	0	0	434
AC31	RDTE/Ships-Basic Research	15,131	1,948	13,183	0	0	0	0
AC32	RDTE/Ships-Exploratory Development	25,302	0	25,302	0	0	0	0
AC33	RDTE/Ships-Advanced Development	436,929	0	436,929	0	0	0	0
AC34	RDTE/Ships-Engineering Development	139,007	9,390	129,617	0	0	0	0
AC35	RDTE/Ships-Op Systems Development	8,057	0	8,057	0	0	0	0
AC36	RDTE/Ships-Management & Support	15,198	0	15,198	0	0	0	0
AC41	RDTE/Tank - Automotive-Basic Research	8,859	8,859	0	0	0	0	0
AC42	RDTE/Tank - Automotive-Exploratory Develop	40,471	38,357	2,114	0	0	0	0
AC43	RDTE/Tank - Automotive-Advanced Developmen	49,751	49,751	0	0	0	0	0
AC44	RDTE/Tank - Automotive-Engr Development	213,254	211,854	1,400	0	0	0	0
AC45	RDTE/Tank - Automotive-Op Systems Developm	6,526	6,450	76	0	0	0	0
AC46	RDTE/Tank - Automotive-Management & Suppor	6,411	6,411	0	0	0	0	0
AC51	RDTE/Weapons-Basic Research	22,246	8,243	6,575	7,428	0	0	0
AC52	RDTE/Weapons-Exploratory Development	45,946	10,103	6,926	28,917	0	0	0
AC53	RDTE/Weapons-Advanced Development	271,322	17,390	74,665	179,267	0	0	0
AC54	RDTE/Weapons-Engineering Development	829,994	143,858	637,528	48,608	0	0	0
AC55	RDTE/Weapons-Operational Systems Developme	20,702	569	1,067	19,066	0	0	0
AC56	RDTE/Weapons-Management & Support	9,614	1,784	4,183	3,647	0	0	0
AC61	RDTE/Electronics & Communication Eq-Basic	171,051	44,116	108,608	13,087	0	0	5,240
AC62	RDTE/Electronics & Communication Eq-Explor	258,520	100,508	108,583	31,784	0	0	17,645
AC63	RDTE/Electronics & Communication Eq-Advanc	494,635	104,269	178,498	211,868	0	0	0
AC64	RDTE/Electronics & Communication Eq-Engr D	1,602,126	103,144	574,651	924,180	0	0	151
AC65	RDTE/Electronics & Communication Eq-Op Sys	971,220	96,461	500,714	344,241	0	0	29,804
AC66	RDTE/Electronics & Communication Eq-Mgmt &	54,928	8,947	10,988	20,606	0	0	14,387
AC91	RDTE/Misc Hard Goods-Basic Research	7,381	7,037	301	43	0	0	0
AC92	RDTE/Misc Hard Goods-Exploratory Developme	3,614	319	3,295	0	0	0	0
AC93	RDTE/Misc Hard Goods-Advanced Development	9,123	3,868	5,178	77	0	0	0
AC94	RDTE/Misc Hard Goods-Engr Development	89,188	5,542	78,220	5,426	0	0	0
AC95	RDTE/Misc Hard Goods-Op Systems Developmen	3,678	950	1,413	1,315	0	0	0
AC96	RDTE/Misc Hard Goods-Mgmt & Support	5,405	1,558	2,727	1,120	0	0	0
AD11	RDTE/Ammunition-Basic Research	3,610	1,759	1,398	453	0	0	0
AD12	RDTE/Ammunition-Exploratory Development	16,471	12,433	3,330	708	0	0	0
AD13	RDTE/Ammunition-Advanced Development	107,464	104,954	1,372	1,138	0	0	0
AD14	RDTE/Ammunition-Engineering Development	148,103	140,582	7,521	0	0	0	0
AD15	RDTE/Ammunition-Operational Systems Develo	10,051	10,051	0	0	0	0	0
AD16	RDTE/Ammunition-Management & Support	5,137	3,556	1,481	100	0	0	0
AD21	RDTE/Services-Basic Research	23,426	2,230	14,761	841	0	0	5,594
AD22	RDTE/Services-Exploratory Development	25,084	6,576	14,405	3,738	0	0	365
AD23	RDTE/Services-Advanced Development	75,779	12,226	43,542	16,915	0	0	3,096
AD24	RDTE/Services-Engineering Development	144,394	39,227	80,917	24,250	0	0	0
AD25	RDTE/Services-Operational Systems Developm	208,109	105,078	58,381	39,117	0	0	5,533
AD26	RDTE/Services-Management & Support	92,769	59,794	16,975	12,179	0	0	3,821
AD32	RDTE/Subsistence-Exploratory Development	142	48	94	0	0	0	0
AD33	RDTE/Subsistence-Advanced Development	100	0	54	46	0	0	0
AD36	RDTE/Subsistence-Management & Support	559	0	0	559	0	0	0
AD41	RDTE/Textiles, Clothing, Equipage-Basic Re	649	584	65	0	0	0	0
AD42	RDTE/Textiles, Clothing, Equipage-Explor D	5,077	3,886	1,156	35	0	0	0
AD43	RDTE/Textiles, Clothing, Equipage-Advanced	4,033	1,901	712	1,420	0	0	0
AD44	RDTE/Textiles, Clothing, Equipage-Engr Dev	6,759	6,179	402	178	0	0	0
AD45	RDTE/Textiles, Clothing, Equipage-Op Syste	2,534	2,185	349	0	0	0	0
AD46	RDTE/Textiles, Clothing, Equipage-Mgmt & S	48	0	48	0	0	0	0
AD51	RDTE/Fuels and Lubricants-Basic Research	1,914	0	1,153	761	0	0	0
AD52	RDTE/Fuels and Lubricants-Exploratory Deve	5,505	585	515	4,405	0	0	0
AD53	RDTE/Fuels and Lubricants-Advanced Develop	3,376	2,536	275	565	0	0	0
AD55	RDTE/Fuels and Lubricants-Operational Syst	100	100	0	0	0	0	0
AD56	RDTE/Fuels and Lubricants-Management & Sup	654	0	61	593	0	0	0
AD61	RDTE/Construction-Basic Research	1,915	119	326	187	0	0	1,283

TABLE 4-1
Research, Development, Test, and Evaluation
by DoD Component
Fiscal Year 1990

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D o D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
AD62	RDTE/Construction-Exploratory Development	4,465	2,506	1,934	25	0	0	0
AD63	RDTE/Construction-Advanced Development	6,162	493	1,203	4,466	0	0	0
AD64	RDTE/Construction-Engineering Development	1,323	322	101	900	0	0	0
AD65	RDTE/Construction-Operational Systems Deve	5,122	1,913	895	150	0	0	2,164
AD66	RDTE/Construction-Management & Support	638	50	588	0	0	0	0
AD91	RDTE/Other Defense-Basic Research	403,691	22,789	290,113	51,182	0	0	39,607
AD92	RDTE/Other Defense-Exploratory Development	1,028,392	220,780	105,995	192,526	0	0	509,091
AD93	RDTE/Other Defense-Advanced Development	1,017,735	75,750	58,559	148,956	0	0	734,470
AD94	RDTE/Other Defense-Engineering Development	217,461	65,091	94,287	58,083	0	0	0
AD95	RDTE/Other Defense-Operational Systems Dev	168,152	26,148	12,885	124,886	0	0	4,233
AD96	RDTE/Other Defense-Management & Support	172,658	11,250	18,870	23,921	0	0	118,617
AE21	RDTE/Product or Srvc Improvement-Basic Res	3,788	0	0	3,788	0	0	0
AE23	RDTE/Product or Srvc Improvement-Advanced	61	0	0	61	0	0	0
AE25	RDTE/Product or Srvc Improvement-Op System	71	0	71	0	0	0	0
AE26	RDTE/Product or Srvc Improvement-Mgmt & Su	85	0	0	0	0	0	85
AE31	RDTE/Manufacturing Technology-Basic Resear	563	463	0	100	0	0	0
AE32	RDTE/Manufacturing Technology-Exploratory	1,593	0	0	0	0	0	1,593
AE33	RDTE/Manufacturing Technology-Advanced Dev	8,210	0	8,210	0	0	0	0
AE34	RDTE/Manufacturing Technology-Engr Develop	1,022	175	847	0	0	0	0
AE35	RDTE/Manufacturing Technology-Op Systems D	89,758	265	0	79,858	9,635	0	0
AE36	RDTE/Manufacturing Technology-Mgmt & Suppo	2,333	0	1,870	463	0	0	0
AE91	RDTE/Other Econ Growth&Productivity-Basic	70	0	0	0	0	0	70
AF11	RDTE/Education-Basic Research	73	0	73	0	0	0	0
AF15	RDTE/Education-Operational Systems Develop	127	37	58	0	0	0	32
AF16	RDTE/Education-Management & Support	1,130	1,103	27	0	0	0	0
AG31	RDTE/Energy - Geothermal - Basic Research	348	0	348	0	0	0	0
AG53	RDTE/Energy - Nuclear - Advanced Developme	528	528	0	0	0	0	0
AG72	RDTE/Energy - Solar - Exploratory Developm	31	31	0	0	0	0	0
AG91	RDTE/Other Energy - Basic Research	50	50	0	0	0	0	0
AG92	RDTE/Other Energy - Exploratory Developmen	650	0	650	0	0	0	0
AG93	RDTE/Other Energy - Advanced Development	99	0	99	0	0	0	0
AG95	RDTE/Other Energy - Operational Systems De	320	320	0	0	0	0	0
AG96	RDTE/Other Energy - Management & Support	145	0	145	0	0	0	0
AH11	RDTE/Pollution Cntl & Abatement-Basic Rese	516	0	396	120	0	0	0
AH12	RDTE/Pollution Cntl & Abatement-Explorator	4,062	3,765	161	136	0	0	0
AH15	RDTE/Pollution Cntl & Abatement-Op Systems	44	0	44	0	0	0	0
AH16	RDTE/Pollution Cntl & Abatement-Mgmt & Sup	426	0	0	426	0	0	0
AH26	RDTE/Air Pollution-Management & Support	75	0	0	75	0	0	0
AH31	RDTE/Water Pollution-Basic Research	291	90	91	110	0	0	0
AH32	RDTE/Water Pollution-Exploratory Developme	44	0	0	44	0	0	0
AH42	RDTE/Noise Pollution-Exploratory Developme	265	94	0	171	0	0	0
AH91	RDTE/Other Environmental Protection-Basic	26-	0	26-	0	0	0	0
AH92	RDTE/Other Environmental Protection-Explor	596	31	0	565	0	0	0
AH94	RDTE/Other Environmental Protection-Engr D	3,061	0	45	3,016	0	0	0
AH96	RDTE/Other Environmental Protection-Mgmt &	3,385	3,050	0	335	0	0	0
AJ11	RDTE/Physical Sciences - Basic Research	82,602	374	2,754	79,334	0	0	140
AJ12	RDTE/Physical Sciences - Exploratory Devel	37,861	216	277	37,368	0	0	0
AJ13	RDTE/Physical Sciences - Advanced Developm	21,248	92	251	20,905	0	0	0
AJ14	RDTE/Physical Sciences - Engineering Devel	26,151	150	1,070	24,931	0	0	0
AJ15	RDTE/Physical Sciences - Operational Syste	902	0	432	470	0	0	0
AJ16	RDTE/Physical Sciences - Management & Supp	28,869	0	0	28,869	0	0	0
AJ21	RDTE/Math & Computer Sciences - Basic Rese	408	408	0	0	0	0	0
AJ22	RDTE/Math & Computer Sciences - Explor Dev	254	254	0	0	0	0	0
AJ23	RDTE/Math & Computer Sciences - Advanced D	356	0	356	0	0	0	0
AJ25	RDTE/Math & Computer Sciences - Op Systems	50	0	50	0	0	0	0
AJ26	RDTE/Math & Computer Sciences - Mgmt & Sup	46	0	0	46	0	0	0
AJ31	RDTE/Environmental Sciences - Basic Resear	65	65	0	0	0	0	0
AJ32	RDTE/Environmental Sciences - Explor Devel	247	247	0	0	0	0	0
AJ36	RDTE/Environmental Sciences - Management &	94	0	0	94	0	0	0
AJ41	RDTE/Engineering Sciences - Basic Research	649	299	0	350	0	0	0
AJ42	RDTE/Engineering Sciences - Exploratory De	113	113	0	0	0	0	0
AJ43	RDTE/Engineering Sciences - Advanced Devel	64	0	64	0	0	0	0
AJ44	RDTE/Engineering Sciences - Engineering De	320	62	119	0	0	0	139
AJ46	RDTE/Engineering Sciences - Management & S	518	30	50	438	0	0	0
AJ51	RDTE/Life Sciences - Basic Research	75	75	0	0	0	0	0
AJ61	RDTE/Psychological Sciences - Basic Resear	185	77	108	0	0	0	0
AJ63	RDTE/Psychological Sciences - Advanced Dev	330	0	330	0	0	0	0
AJ64	RDTE/Psychological Sciences - Engineering	233	0	233	0	0	0	0
AJ65	RDTE/Psychological Sciences - Management &	100	0	0	100	0	0	0
AJ71	RDTE/Social Sciences - Basic Research	132	0	0	83	0	0	49
AJ92	RDTE/Other Sciences - Exploratory Developm	276	276	0	0	0	0	0
AJ93	RDTE/Other Sciences - Advanced Development	30	0	0	0	0	0	30
AJ94	RDTE/Other Sciences - Engineering Developm	35	0	35	0	0	0	0
AJ95	RDTE/Other Sciences - Operational Systems	25	0	25	0	0	0	0
AK11	RDTE/Housing - Basic Research	49	0	0	49	0	0	0
AM14	RDTE/Int'l Affairs & Cooperation-Engineeri	544	544	0	0	0	0	0

TABLE 4-1
Research, Development, Test, and Evaluation
by DoD Component
Fiscal Year 1990

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D o D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
AM15	RDTE/Int'l Affairs & Cooperation-Op System	1,923	102	1,821	0	0	0	0
AN11	RDTE/Biological - Basic Research	5,500	1,000	4,500	0	0	0	0
AN12	RDTE/Biological - Exploratory Development	205	0	51	154	0	0	0
AN15	RDTE/Biological - Operational Systems Deve	230	230	0	0	0	0	0
AN16	RDTE/Biological - Management & Support	197	0	0	197	0	0	0
AN46	RDTE/Health Services - Management & Suppor	165,140	0	0	0	0	0	165,140
AN62	RDTE/Rehabilitative Engineering-Explor Dev	218	218	0	0	0	0	0
AN73	RDTE/Specialized Services - Advanced Devel	82	82	0	0	0	0	0
AN76	RDTE/Specialized Services - Management & S	455	0	0	455	0	0	0
AN91	RDTE/Other Medical - Basic Research	14,440	14,343	0	95	0	0	32
AN92	RDTE/Other Medical - Exploratory Developme	18,407	17,875	0	532	0	0	0
AN93	RDTE/Other Medical - Advanced Development	52,623	52,088	110	425	0	0	0
AN94	RDTE/Other Medical - Engineering Development	9,044	8,866	0	178	0	0	0
AN95	RDTE/Other Medical - Operational Systems D	957	957	0	0	0	0	0
AN96	RDTE/Other Medical - Management & Support	357	0	0	357	0	0	0
AP22	RDTE/Natural Resources - Land - Explor Dev	2,309	1,638	0	671	0	0	0
AP26	RDTE/Natural Resources - Land - Mgmt & Sup	30	0	0	30	0	0	0
AP51	RDTE/Natural Resources-Marine-Basic Resear	124	0	0	0	0	124	0
AP96	RDTE/Natural Resources-Other-Management &	376	0	376	0	0	0	0
AQ92	RDTE/Social Services-Other-Exploratory Dev	53	0	53	0	0	0	0
AR11	RDTE/Space - Aeronautics - Basic Research	38,526	0	0	38,526	0	0	0
AR12	RDTE/Space - Aeronautics - Exploratory Dev	134	0	0	134	0	0	0
AR13	RDTE/Space - Aeronautics - Advanced Develo	5,682	0	5,682	0	0	0	0
AR14	RDTE/Space - Aeronautics - Engineering Dev	47	0	47	0	0	0	0
AR21	RDTE/Space-Science Applications-Basic Rese	2,357	0	2,064	293	0	0	0
AR22	RDTE/Space-Science Applications-Explor Dev	432	0	0	432	0	0	0
AR23	RDTE/Space-Science Applications-Advanced D	311,060	0	0	311,060	0	0	0
AR24	RDTE/Space-Science Applications-Engineerin	207	207	0	0	0	0	0
AR25	RDTE/Space-Science Applications-Op Systems	454,338	0	0	454,338	0	0	0
AR26	RDTE/Space-Science Applications-Mgmt & Sup	46	0	0	46	0	0	0
AR32	RDTE/Space Flight - Exploratory Developmen	186	0	0	186	0	0	0
AR33	RDTE/Space Flight - Advanced Development	1,554	0	0	1,554	0	0	0
AR34	RDTE/Space Flight - Engineering Development	199,405	0	0	199,405	0	0	0
AR35	RDTE/Space Flight - Operations Systems Dev	5,582	0	0	5,582	0	0	0
AR41	RDTE/Space Op - Tracking & Data Acq-Basic	434	0	0	434	0	0	0
AR42	RDTE/Space Op - Applied Research & Expl De	2,103	0	2,103	0	0	0	0
AR44	RDTE/Space Op - Trckng & Data Acq-Engineer	10,811	0	1,495	9,316	0	0	0
AR45	RDTE/Space Op-Trckng & Data Acq-Op Systems	49,443	0	0	49,443	0	0	0
AR46	RDTE/Space Op-Tracking & Data Acq-Mgmt & S	5,085	5,005	0	80	0	0	0
AR61	RDTE/Space-Station-Basic Research	10,761	0	50	10,711	0	0	0
AR63	RDTE/Space-Station-Advanced Development	2,492	0	0	2,492	0	0	0
AR91	RDTE/Space - Other - Basic Research	2,574	0	2,422	152	0	0	0
AR92	RDTE/Space - Other - Exploratory Developme	54,664	0	1,186	53,478	0	0	0
AR93	RDTE/Space - Other - Advanced Development	160,277	0	0	160,277	0	0	0
AR94	RDTE/Space - Other - Engineering Development	6,146	0	0	6,146	0	0	0
AR95	RDTE/Space - Other - Operational Systems D	9,152	0	0	9,152	0	0	0
AR96	RDTE/Space - Other - Management & Support	9,981	0	0	9,981	0	0	0
AS11	RDTE/Transportation - Air - Basic Research	48	0	48	0	0	0	0
AS15	RDTE/Transportation - Air - Op Systems Dev	316	0	316	0	0	0	0
AS22	RDTE/Transportation - Motor Veh - Explor D	100	0	100	0	0	0	0
AS24	RDTE/Transportation - Motor Veh - Engineer	178	0	0	178	0	0	0
AS32	RDTE/Transportation - Rail - Exploratory D	53	0	53	0	0	0	0
AS41	RDTE/Transportation - Marine - Basic Resear	124	0	124	0	0	0	0
AS91	RDTE/Transportation - Other - Basic Resear	173	0	173	0	0	0	0
AT14	RDTE/Trans - Hwys-Roads-Bridges - Engr Dev	10,231	10,231	0	0	0	0	0
AT32	RDTE/Trans - Navigational Aids - Explor De	192	192	0	0	0	0	0
AT95	RDTE/Trans - Other - Operational Systems D	2,929	40	0	0	0	0	2,889
AV71	RDTE/Mining - Metallurgical - Basic Resear	35	35	0	0	0	0	0
AZ11	RDTE/Other Research & Development-Basic Re	225,841	93,817	97,278	13,177	5,273	4,610	11,686
AZ12	RDTE/Other Research & Development-Explor D	102,902	37,472	46,836	11,005	0	0	7,589
AZ13	RDTE/Other Research & Development-Advanced	535,290	14,496	24,947	487,851	0	0	7,996
AZ14	RDTE/Other Research & Development-Engr Dev	524,006	6,649	18,038	487,947	0	0	11,372
AZ15	RDTE/Other Research & Development-Op Sys D	104,412	21,395	8,261	47,397	0	0	27,359
AZ16	RDTE/Other Research & Development-Mgmt & S	157,160	13,393	9,413	120,810	0	627	12,917

TABLE 4-2
Other Services and Construction
by DoD Component
Fiscal Year 1990

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D o D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
B502	Air Quality Analyses	573	414	0	0	0	159	0
B503	Archaeological/Paleontological Studies	3,776	1,955	26	0	0	1,755	0
B504	Chemical/Biological Studies & Analyses	1,837	1,213	428	66	0	130	0
B505	Cost Benefit Analyses	2,501	45	2,456	0	0	0	0
B506	Data Analyses (Other than Scientific)	1,862	476	1,386	0	0	0	0
B507	Economic Studies	795	0	733	0	30	32	0
B509	Endangered Species Studies - Plant & Anima	1,623	1,365	0	258	0	0	0
B510	Environmental Studies & Assessments	9,718	2,161	262	6,327	0	968	0
B513	Feasibility Studies (Non-construction)	3,223	2,902	153	68	0	100	0
B516	Animal & Fisheries Studies	50	0	0	0	0	50	0
B517	Geological Studies	626	0	0	0	0	626	0
B518	Geophysical Studies	93	93	0	0	0	0	0
B519	Geotechnical Studies	325	31	0	0	0	294	0
B521	Historical Studies	810	0	80-	89	0	764	37
B522	Legal Studies	836	0	808	0	0	28	0
B524	Mathematical/Statistical Analyses	68	0	0	68	0	0	0
B526	Oceanological Studies	1,422	0	1,170	0	0	252	0
B527	Recreation Studies	31	0	0	0	0	31	0
B529	Scientific Data Studies	1,563	329	0	1,093	0	0	141
B530	Seismological Studies	2,061	56	0	2,005	0	0	0
B532	Soils Studies	244	0	0	0	0	244	0
B533	Water Quality Studies	1,377	284	82	425	0	586	0
B537	Medical & Health Studies	830	830	0	0	0	0	0
B538	Intelligence Studies	10,215	253	0	0	0	0	9,962
B539	Aeronautic/Space Studies	618	188	0	430	0	0	0
B541	Defense Studies	11,646	612	1,304	5,493	0	0	4,237
B542	Educational Studies & Analyses	1,693	49	0	30	0	55	1,559
B544	Technology Studies	3,603	1,066	851	250	0	0	1,436
B545	Housing & Community Development Studies	33	0	0	0	0	33	0
B546	Security Studies (Physical & Personal)	1,946	0	1,946	0	0	0	0
B547	Accounting/Financial Management Studies	87	0	0	38	0	49	0
B549	Foreign Policy/National Security Policy St	167	65	0	0	0	0	102
B550	Organization/Administrative/Personnel Stud	530	0	571	254-	0	72	141
B551	Mobilization/Preparedness Studies	870	870	0	0	0	0	0
B552	Manpower Studies	528	0	520	0	0	46-	54
B553	Communications Studies	1,975	129	1,667	0	0	0	179
B554	Acquisition Policy/Procedures Studies	198	0	198	0	0	0	0
B599	Other Special Studies & Analyses	118,384	21,970	32,546	44,843	0	4,545	14,480
C111	Administrative & Service Buildings	21,181	8,736	6,944	2,588	0	2,730	183
C112	Airfield, Communication & Missile Faciliti	10,516	4,717	5,300	419	0	80	0
C113	Educational Buildings	9,426	6,292	3,033	101	0	0	0
C114	Hospital Buildings	15,266	12,908	1,979	379	0	0	0
C115	Industrial Buildings	8,223	1,507	6,305	288	0	123	0
C116	Residential Buildings	18,467	12,552	5,381	534	0	0	0
C117	Warehouse Buildings	7,692	5,505	1,846	341	0	0	0
C118	Research & Development Facilities	1,730	718	753	90	0	169	0
C119	Other Buildings	49,047	24,766	22,780	755	0	508	238
C121	Conservation & Development	1,570	124	431	190	0	825	0
C122	Highways, Roads, Streets, & Bridges	1,250	1,628	309	238	0	75	0
C123	Electric Power Generation (EPG)	3,724	3,508	216-	0	0	0	0
C124	Utilities	8,884	3,300	4,839	512	0	233	0
C129	Other Non-Building Structures	21,423	8,425	11,204	377	0	1,412	0
C130	Restoration	3,250	464	1,488	539	0	759	0
C211	Architect-Engineering Services (Non-constr	242,271	87,394	97,318	18,796	0	38,360	403
C212	Engineering Drafting Services	13,716	2,623	8,745	1,865	0	483	0
C213	A&E Inspection Services (Non-construction)	5,067	1,106	2,782	703	0	476	0
C214	A&E Management Engineering Services	137,067	3,475	133,592	0	0	0	0
C215	A&E Production Engineering Services	96,233	0	96,399	166-	0	0	0
C216	Marine Architect - Engineering Services	466,776	253	464,088	0	0	2,435	0
C219	Other Architect & Engineering Services	485,216	124,938	298,207	8,718	0	52,757	596
D301	ADP Facility Operation & Maintenance Servi	148,089	28,691	91,485	14,589	0	3,422	9,902
D302	ADP Systems Development Services	313,240	43,040	141,945	90,729	0	8,619	28,907
D303	ADP Data Entry Services	10,125	1,588	7,052	990	0	34	461
D304	ADP Telecommunications & Transmission Serv	52,728	46,006	2,242	437	0	40	4,003
D305	ADP Teleprocessing & Timesharing Services	35,422	11,132	4,087	0	0	13,129	7,074
D306	ADP Systems Analysis Services	31,833	4,019	8,979	12,136	0	0	6,699
D307	Automated Info System Design & Integration	200,498	104,118	45,698	25,404	12,478	134	12,666
D308	Programming Services	12,086	882	3,230	5,949	0	584	1,441
D309	Info & Data Broadcasting or Data Distribut	1,444	0	1,444	0	0	0	0
D310	ADP Backup & Security Services	3,746	1,498	2,153	95	0	0	0
D311	ADP Data Conversion Services	6,174	3,375	672	1,350	0	0	777
D312	ADP Optical Scanning Services	2,254	0	2,176	78	0	0	0
D313	Computer Aided Design/Computer Aided Mfg S	504	100	212	192	0	0	0
D314	ADP System Acquisition Support Services	63,800	13,544	27,871	19,229	0	218	2,938
D315	Digitizing Services	43	43	0	0	0	0	0
D316	Telecommunication Network Management Servi	5,286	372	4,101	0	0	103	710

TABLE 4-2
Other Services and Construction
by DoD Component
Fiscal Year 1990

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D o D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
D317	Automated News Svcs, Data Svcs, or Other I	4,693	27	4,180	91	0	25	370
D399	Other ADP & Telecommunication Services	609,797	81,354	184,211	77,736	20,358	28,597	217,541
E159	Purchase/Other Industrial Buildings	66	0	66	0	0	0	0
E169	Purchase/Other Residential Buildings	69	69	0	0	0	0	0
F001	Aerial Fertilization/Spraying	86	86	0	0	0	0	0
F002	Aerial Seeding	158	0	0	0	0	158	0
F003	Forest/Range Fire Suppression/Presuppressi	63	63	0	0	0	0	0
F005	Forest Tree Planting	106	106	0	0	0	0	0
F006	Land Treatment Practices (Plowing, Clearin	2,985	2,887	26	37	0	35	0
F008	Recreation Site Maintenance (Non-Construct	72	0	0	0	0	72	0
F009	Seed Collection/Production	34	0	0	34	0	0	0
F010	Seedling Production/Transplanting	5,523	0	0	5,523	0	0	0
F012	Survey Line Clearing	105	105	0	0	0	0	0
F014	Tree Thinning	185	70	115	0	0	0	0
F015	Well Drilling/Exploratory	945	296	587	0	0	62	0
F018	Other Range/Forest Improvements (Non-Const	177	177	0	0	0	0	0
F019	Other Wildlife Management	5,163	0	28	308	0	4,827	0
F020	Fisheries Resources Management	30	0	0	0	0	30	0
F021	Site Preparation	37	37	0	0	0	0	0
F099	Other Natural Resources & Conservation Ser	23,246	958	0	20,118	0	2,170	0
F101	Air Quality Support Services	1,054	802	171	81	0	0	0
F104	Surveys & Technical Support Rel to Water P	29	0	29	0	0	0	0
F105	Pesticides Support Services	517	28	0	0	0	489	0
F106	Toxic Substances Support Services	171	171	0	0	0	0	0
F107	Hazardous Substance Analysis	23,399	1,296	171	21,746	186	0	0
F108	Hazardous Substance Removal/Cleanup/Dispos	98,724	24,000	6,910	860	0	66,954	0
F109	Leaking Underground Storage Tank Support S	3,684	2,144	0	135	0	1,405	0
F110	Dev of Environ Impact Statements & Assessm	3,737	0	0	3,737	0	0	0
F111	Surveys&Technical Support for Multiple Pol	708-	708-	0	0	0	0	0
F112	Oil Spill Cleanup, Removal, Disposal & Sup	310	88	57	310	0	165	0
F999	Other Environ Svcs, Studies, & Analytical	43,837	36,296	340	4,027	0	3,174	0
G001	Care of Remains and/or Funeral Services	71	0	26	45	0	0	0
G002	Chaplain Services	380	130	124	126	0	0	0
G003	Recreational Services	681	579	37	0	0	65	0
G004	Rehabilitation Services	674	172	502	0	0	0	0
G007	Government Health Insurance Programs	461,023	0	0	0	0	0	461,023
G009	Non-Government Insurance Programs	204	0	0	204	0	0	0
G099	Other Social Services	6,457	1,507	4,583	74	57	0	236
H110	Quality Control Svcs/Weapons	2,050	467	1,583	0	0	0	0
H112	Quality Control Svcs/Fire Control Equipmen	716	0	716	0	0	0	0
H114	Quality Control Svcs/Guided Missiles	157,317	0	157,317	0	0	0	0
H115	Quality Control Svcs/Aircraft Structural C	1,103	0	1,103	0	0	0	0
H116	Quality Control Svcs/Aircraft Comps & Accy	1,307	1,307	0	0	0	0	0
H118	Quality Control Svcs/Space Vehicles	25,748	0	0	25,748	0	0	0
H119	Quality Control Svcs/Ships-Sml Craft-Docks	13,610	0	13,610	0	0	0	0
H120	Quality Control Svcs/Ship & Marine Equipme	5,780	0	5,780	0	0	0	0
H144	Quality Control Svcs/Furnace-Steam Plant-N	59	0	0	59	0	0	0
H158	Quality Control Svcs/Communication Equipme	3,832	0	1,805	2,027	0	0	0
H159	Quality Control Svcs/Electrical & Elct Equ	6,730	0	6,730	0	0	0	0
H163	Quality Control Svcs/Alarm & Signal System	92	0	0	92	0	0	0
H166	Quality Control Svcs/Instruments & Lab Equ	4,172	349	3,246	80	497	0	0
H170	Quality Control Svcs/ADP Equip & Supplies	5,841	0	5,841	0	0	0	0
H173	Quality Control Svcs/Food Prep & Serving E	32	0	0	32	0	0	0
H180	Quality Control Svcs/Brushes-Paints-Sealer	36	0	36	0	0	0	0
H199	Quality Control Svcs/Miscellaneous Equipme	3,254	0	3,254	0	0	0	0
H210	Equip & Mats Testing/Weapons	3,782	153-	3,935	0	0	0	0
H212	Equip & Mats Testing/Fire Control Equipmen	2,238	0	2,238	0	0	0	0
H213	Equip & Mats Testing/Ammo & Explosives	1,313	0	1,313	0	0	0	0
H214	Equip & Mats Testing/Guided Missiles	18,909	3,555	15,354	0	0	0	0
H215	Equip & Mats Testing/Aircraft Structural C	20,077	0	20,077	0	0	0	0
H216	Equip & Mats Testing/Aircraft Comps & Accy	6,776	5,609	1,251	84-	0	0	0
H219	Equip & Mats Testing/Ships-Sml Craft-Docks	1,190	0	1,190	0	0	0	0
H220	Equip & Mats Testing/Ship & Marine Equipme	714	0	618	0	0	96	0
H226	Equip & Mats Testing/Tires & Tubes	124	124	0	0	0	0	0
H228	Equip & Mats Testing/Engines, Turbines & C	1,739	57	1,495	0	0	187	0
H230	Equip & Mats Testing/Mech Power Trans Equi	1,798	0	0	1,798	0	0	0
H232	Equip & Mats Testing/Woodworking Machinery	86	86	0	0	0	0	0
H240	Equip & Mats Testing/Rope, Cable, Chain &	59	0	0	0	0	0	59
H242	Equip & Mats Testing/Fire, Rescue & Safety	2,101	0	2,101	0	0	0	0
H246	Equip & Mats Testing/Water Purification Eq	26	0	26	0	0	0	0
H252	Equip & Mats Testing/Measuring Tools	299	0	299	0	0	0	0
H254	Equip & Mats Testing/Prefab Structures	99	0	99	0	0	0	0
H258	Equip & Mats Testing/Communication Equipme	34,515	395	34,120	0	0	0	0
H259	Equip & Mats Testing/Electrical & Elct Equ	14,554	81	9,563	4,780	0	130	0
H263	Equip & Mats Testing/Alarm & Signal System	74	74	0	0	0	0	0
H266	Equip & Mats Testing/Instruments & Lab Equ	108	33	75	0	0	0	0

TABLE 4-2
Other Services and Construction
by DoD Component
Fiscal Year 1990

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D o D C O M P O N E N T					
		TOTAL	Army	Navy	Air Force	DLA	OCE ODA
H268	Equip & Mats Testing/Chemical Products	29	29	0	0	0	0
H270	Equip & Mats Testing/ADP Equip & Supplies	2,297	118	140	1,742	0	297
H284	Equip & Mats Testing/Clothing - Individual	32	32	0	0	0	0
H291	Equip & Mats Testing/Fuels-Lubricants-Oils	84	84	0	0	0	0
H299	Equip & Mats Testing/Miscellaneous Equipme	1,722	1,591	131	0	0	0
H310	Inspection Services/Weapons	126	0	126	0	0	0
H312	Inspection Services/Fire Control Equipment	71	0	0	71	0	0
H314	Inspection Services/Guided Missiles	98	0	98	0	0	0
H322	Inspection Services/Railway Equipment	49	49	0	0	0	0
H323	Inspection Services/Vehicles-Trailers-Cycl	1,597	0	0	0	0	1,597
H342	Inspection Services/Fire, Rescue & Safety	52	0	52	0	0	0
H344	Inspection Services/Furnace-Stream Plant-N	422	60	0	362	0	0
H345	Inspection Services/Plumbing & Heating Equ	37	37	0	0	0	0
H358	Inspection Services/Communication Equipmen	6,794	0	6,725	69	0	0
H369	Inspection Services/Training Aids & Device	231	0	0	231	0	0
H399	Inspection Services/Miscellaneous Equipmen	2,045	177	0	38	0	1,830
H910	Other Quality Cntl Svcs/Weapons	27	0	27	0	0	0
H920	Other Quality Cntl Svcs/Ship & Marine Equi	31	0	31	0	0	0
H923	Other Quality Cntl Svcs/Vehicles-Trailers-	43	43	0	0	0	0
H999	Other Quality Cntl, Testing & Inspection S	53,625	19,930	31,095	927	0	1,573
J010	Maint & Repair of Eq/Weapons	19,018	2,002	6,226	10,790	0	0
J011	Maint & Repair of Eq/Nuclear Ordnance	1,030	0	0	1,030	0	0
J012	Maint & Repair of Eq/Fire Control Equipmen	63,752	24,949	35,372	3,431	0	0
J013	Maint & Repair of Eq/Ammo & Explosives	1,635	977	658	0	0	0
J014	Maint & Repair of Eq/Guided Missiles	163,106	8,039	150,153	4,914	0	0
J015	Maint & Repair of Eq/Aircraft Structural C	1,049,964	119,065	386,818	543,350	0	731
J016	Maint & Repair of Eq/Aircraft Comps & Accy	131,134	13,943	53,418	63,773	0	0
J017	Maint & Repair of Eq/Aircraft Gnd Handling	26,963	2,896	4,472	18,945	0	650
J018	Maint & Repair of Eq/Space Vehicles	1,746	0	0	1,746	0	0
J019	Maint & Repair of Eq/Ships-Sml Craft-Docks	1,791,789	11,128	1,758,577	389	0	21,695
J020	Maint & Repair of Eq/Ship & Marine Equipme	49,904	7,525	40,239	601	0	1,539
J022	Maint & Repair of Eq/Railway Equipment	2,963	1,493	919	551	0	0
J023	Maint & Repair of Eq/Vehicles-Trailers-Cyc	35,650	21,810	594	13,246	0	0
J024	Maint & Repair of Eq/Tractors	1,994	1,967	27	0	0	0
J025	Maint & Repair of Eq/Vehicular Equipment C	2,808	1,746	247	815	0	0
J026	Maint & Repair of Eq/Tires & Tubes	780	664	116	0	0	0
J028	Maint & Repair of Eq/Engines, Turbines & C	127,473	263	3,183	124,917	0	890
J029	Maint & Repair of Eq/Engine Accessories	5,290	39	1,288	3,963	0	0
J030	Maint & Repair of Eq/Mech Power Trans Equi	739	549	78	68	0	44
J031	Maint & Repair of Eq/Bearings	222	0	0	222	0	0
J032	Maint & Repair of Eq/Woodworking Machinery	65	35	30	0	0	0
J034	Maint & Repair of Eq/Metalworking Machiner	14,863	7,149	3,159	1,298	3,257	0
J035	Maint & Repair of Eq/Service & Trade Equip	657	378	199	80	0	0
J036	Maint & Repair of Eq/Special Industry Mach	43,969	27,502	4,984	10,779	0	268
J037	Maint & Repair of Eq/Agricultural Machiner	494	494	0	0	0	436
J038	Maint & Repair of Eq/Construction Equipmen	2,233	1,739	306	188	0	0
J039	Maint & Repair of Eq/Materials Handling Eq	4,510	1,842	552	1,996	0	120
J040	Maint & Repair of Eq/Rope, Cable, Chain &	123	0	0	212	0	335
J041	Maint & Repair of Eq/Refrigeration, Air Co	11,980	5,614	1,801	4,490	29	46
J042	Maint & Repair of Eq/Fire, Rescue & Safety	440	196	34	210	0	0
J043	Maint & Repair of Eq/Pumps & Compressors	1,806	39	997	693	0	77
J044	Maint & Repair of Eq/Furnace-Stream Plant-N	1,532	646	547	339	0	0
J045	Maint & Repair of Eq/Plumbing & Heating Eq	2,257	963	1,090	204	0	0
J046	Maint & Repair of Eq/Water Purification Eq	2,024	0	1,767	257	0	0
J047	Maint & Repair of Eq/Pipe-Tubing-Hose-Fitt	321	0	321	0	0	0
J048	Maint & Repair of Eq/Valves	599	0	408	151	0	40
J049	Maint & Repair of Eq/Maintenance & Repair	18,049	1,639	665	14,247	347	1,151
J051	Maint & Repair of Eq/Hand Tools	37	0	0	37	0	0
J052	Maint & Repair of Eq/Measuring Tools	31	0	31	0	0	0
J053	Maint & Repair of Eq/Hardware & Abrasives	292	218	74	0	0	0
J054	Maint & Repair of Eq/Prefab Structures	112	0	112	0	0	0
J056	Maint & Repair of Eq/Construction Material	811	246	565	0	0	0
J058	Maint & Repair of Eq/Communication Equipme	251,076	57,403	119,832	64,368	0	402
J059	Maint & Repair of Eq/Electrical & Elct Equ	136,087	20,423	54,811	60,295	0	68
J060	Maint & Repair of Eq/Fiber Optic Mats & Co	290	55	0	235	0	0
J061	Maint & Repair of Eq/Power Distribution Eq	3,940	750	575	822	0	1,793
J062	Maint & Repair of Eq/Lighting Fixtures & L	82	52	0	30	0	0
J063	Maint & Repair of Eq/Alarm & Signal System	3,354	1,795	711	748	0	100
J065	Maint & Repair of Eq/Medical & Dental Equi	16,942	7,878	6,117	2,947	0	0
J066	Maint & Repair of Eq/Instruments & Lab Equ	73,830	21,351	19,367	33,028	0	63
J067	Maint & Repair of Eq/Photographic Equipmen	3,344	1,447	901	939	0	107
J068	Maint & Repair of Eq/Chemical Products	245	145	100	0	0	0
J069	Maint & Repair of Eq/Training Aids & Devic	103,756	1,703	51,481	50,572	0	0
J070	Maint & Repair of Eq/ADP Equip & Supplies	593,418	179,610	134,091	233,957	16,016	2,247
J071	Maint & Repair of Eq/Furniture	3,820	2,986	314	520	0	0
J072	Maint & Repair of Eq/Household Furnishings	9,618	8,765	146	707	0	0

TABLE 4-2
Other Services and Construction
by DoD Component
Fiscal Year 1990

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D O D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
J073	Maint & Repair of Eq/Food Prep & Serving E	10,085	9,796	160	129	0	0	0
J074	Maint & Repair of Eq/Office Machines	22,506	11,494	3,432	7,023	96	336	125
J075	Maint & Repair of Eq/Office Supplies & Dev	1,180	0	0	58	0	244	878
J076	Maint & Repair of Eq/Books-Maps-Pubs	388	0	388	0	0	0	0
J077	Maint & Repair of Eq/Musical Instruments-R	526	49	0	477	0	0	0
J079	Maint & Repair of Eq/Cleaning Equipment	468	256	212	0	0	0	0
J080	Maint & Repair of Eq/Brushes-Paints-Sealer	426	0	426	0	0	0	0
J081	Maint & Repair of Eq/Containers-Packaging	700	0	623	77	0	0	0
J083	Maint & Repair of Eq/Textiles-Leather-Furs	1,557	1,557	0	0	0	0	0
J084	Maint & Repair of Eq/Clothing - Individual	54	0	54	0	0	0	0
J089	Maint & Repair of Eq/Subsistence	64	0	0	64	0	0	0
J091	Maint & Repair of Eq/Fuels-Lubricants-Oils	426	243	77	106	0	0	0
J093	Maint & Repair of Eq/Nonmetallic Fabricated	335	0	335	0	0	0	0
J094	Maint & Repair of Eq/Nonmetallic Crude Mate	1,536	0	1,536	0	0	0	0
J095	Maint & Repair of Eq/Metal Bars & Sheets	502	0	0	502	0	0	0
J099	Maint & Repair of Eq/Miscellaneous Equipme	741,980	375,207	237,442	125,162	826	2,046	1,297
J998	Non-nuclear Ship Repair (East)	366,167	0	363,892	0	0	2,275	0
J999	Non-nuclear Ship Repair (West)	248,236	0	243,426	0	0	4,810	0
K010	Modification of Eq/Weapons	1,214	565	649	0	0	0	0
K011	Modification of Eq/Nuclear Ordnance	205	0	0	205	0	0	0
K012	Modification of Eq/Fire Control Equipment	8,041	0	7,605	436	0	0	0
K014	Modification of Eq/Guided Missiles	123,100	18,787	60,334	43,979	0	0	0
K015	Modification of Eq/Aircraft Structural Com	570,474	0	230,989	339,485	0	0	0
K016	Modification of Eq/Aircraft Comps & Accys	19,139	8,739	1,504	8,896	0	0	0
K017	Modification of Eq/Aircraft Gnd Handling E	4,667	1,148	0	3,519	0	0	0
K019	Modification of Eq/Ships-Sml Craft-Docks	45,685	0	45,685	0	0	0	0
K020	Modification of Eq/Ship & Marine Equipment	442	0	442	0	0	0	0
K023	Modification of Eq/Vehicles-Trailers-Cycle	67	0	39	28	0	0	0
K028	Modification of Eq/Engines, Turbines & Com	14,663	0	12,481	2,182	0	0	0
K029	Modification of Eq/Engine Accessories	9,714	8,527	30	1,157	0	0	0
K038	Modification of Eq/Construction Equipment	52	52	0	0	0	0	0
K039	Modification of Eq/Materials Handling Equi	3,541	0	3,503	0	38	0	0
K043	Modification of Eq/Pumps & Compressors	132	0	0	0	0	132	0
K048	Modification of Eq/Valves	914	0	63	851	0	0	0
K049	Modification of Eq/Maintenance & Repair Sh	54	0	0	54	0	0	0
K058	Modification of Eq/Communication Equipment	141,040	922	27,175	112,705	0	0	238
K059	Modification of Eq/Electrical & Elct Equip	55,170	1,389	2,291	51,158	0	0	332
K061	Modification of Eq/Power Distribution Equi	40	0	0	40	0	0	0
K066	Modification of Eq/Instruments & Lab Equip	3,225	1,538	1,645	42	0	0	0
K067	Modification of Eq/Photographic Equipment	282	0	282	0	0	0	0
K069	Modification of Eq/Training Aids & Devices	51,971	0	4,599	47,372	0	0	0
K070	Modification of Eq/ADP Equip & Supplies	109,843	88	39	109,716	0	0	0
K093	Modification of Eq/Nonmetallic Fabricated M	500	0	500	0	0	0	0
K099	Modification of Eq/Miscellaneous Equipment	54,445	8,134	2,332	43,926	0	0	53
L010	Tech Rep Svcs/Weapons	1,394	0	1,438	44	0	0	0
L011	Tech Rep Svcs/Nuclear Ordnance	422	0	0	0	0	0	0
L012	Tech Rep Svcs/Fire Control Equipment	29,458	494	28,915	49	0	0	0
L013	Tech Rep Svcs/Ammo & Explosives	84	0	84	0	0	0	0
L014	Tech Rep Svcs/Guided Missiles	218,197	185,433	15,076	17,688	0	0	0
L015	Tech Rep Svcs/Aircraft Structural Comps	54,981	7,275	23,225	24,481	0	0	0
L016	Tech Rep Svcs/Aircraft Comps & Accys	51,554	95	42,983	8,476	0	0	0
L017	Tech Rep Svcs/Aircraft Gnd Handling Equip	35	0	35	0	0	0	0
L018	Tech Rep Svcs/Space Vehicles	74,646	0	125	74,521	0	0	0
L019	Tech Rep Svcs/Ships-Sml Craft-Docks	29,261	22,433	6,828	0	0	0	0
L020	Tech Rep Svcs/Ship & Marine Equipment	9,179	0	9,179	0	0	0	0
L026	Tech Rep Svcs/Tires & Tubes	132	0	0	132	0	0	0
L028	Tech Rep Svcs/Engines, Turbines & Comps	8,413	780	3,845	3,752	0	36	0
L029	Tech Rep Svcs/Engine Accessories	455	0	455	0	0	0	0
L031	Tech Rep Svcs/Bearings	222	0	222	0	0	0	0
L043	Tech Rep Svcs/Pumps & Compressors	203	0	203	0	0	0	0
L045	Tech Rep Svcs/Plumbing & Heating Equipment	97	0	0	97	0	0	0
L046	Tech Rep Svcs/Water Purification Equipment	26	0	0	26	0	0	0
L048	Tech Rep Svcs/Valves	66	0	66	0	0	0	0
L049	Tech Rep Svcs/Maintenance & Repair Shop Eq	254	254	0	0	0	0	0
L053	Tech Rep Svcs/Hardware & Abrasives	320	0	320	0	0	0	0
L056	Tech Rep Svcs/Construction Materials	26	0	0	26	0	0	0
L058	Tech Rep Svcs/Communication Equipment	32,525	11,429	19,203	1,893	0	0	0
L059	Tech Rep Svcs/Electrical & Elct Equip Comp	8,123	1,779	6,631	287	0	0	0
L060	Tech Rep Svcs/Fiber Optic Mats & Comps	671	671	0	0	0	0	0
L061	Tech Rep Svcs/Power Distribution Equipment	30	0	30	0	0	0	0
L066	Tech Rep Svcs/Instruments & Lab Equipment	2,123	356	1,767	0	0	0	0
L067	Tech Rep Svcs/Photographic Equipment	98	0	98	0	0	0	0
L068	Tech Rep Svcs/Chemical Products	1,939	1,969	30	0	0	0	0
L069	Tech Rep Svcs/Training Aids & Devices	1,937	420	1,517	0	0	0	0
L070	Tech Rep Svcs/ADP Equip & Supplies	13,006	1,387	6,253	5,142	0	224	0
L071	Tech Rep Svcs/Furniture	32	0	0	32	0	0	0

TABLE 4-2
Other Services and Construction
by DoD Component
Fiscal Year 1990

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	DoD COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCe	ODA
L077	Tech Rep Svcs/Musical Instruments-Radio	1,618	0	1,618	0	0	0	0
L099	Tech Rep Svcs/Miscellaneous Equipment	92,958	47,010	34,164	12,253	0	525-	56
M111	Operation/Office Buildings	17,764	17,430	291	0	0	0	43
M119	Operation/Other Administrative & Service B	482,984	84,094	2,016	395,954	0	920	0
M121	Operation/Air Traffic Control Towers	3,172	547	0	2,625	0	0	0
M123	Operation/Radar & Navigational Facilities	143,712	0	8,974	134,738	0	0	0
M124	Operation/Airport Runways	49	0	0	49	0	0	0
M125	Operation/Airport Terminals	5,822	1,610	3,402	810	0	0	0
M126	Operation/Missile System Facilities	8,486	0	0	8,486	0	0	0
M127	Operation/Electronic & Communication Facil	300,476	14,872	24,392	261,212	0	0	0
M129	Operation/Other Airfield Structures	3,954	994	545	2,415	0	0	0
M131	Operation/Schools	2,000	0	0	0	0	2,000	0
M139	Operation/Other Educational Buildings	428	0	0	428	0	0	0
M141	Operation/Hospitals & Infirmarys	160	160	0	0	0	0	0
M142	Operation/Laboratories & Clinics	101-	101-	0	0	0	0	0
M151	Operation/Ammunition Facilities	1,119,829	1,119,829	0	0	0	0	0
M152	Operation/Maintenance Buildings	148,701	148,701	0	0	0	0	0
M155	Operation/Tank-Automotive Facilities	7,031	7,031	0	0	0	0	0
M159	Operation/Other Industrial Buildings	97,069	94,119	0	2,950	0	0	0
M161	Operation/Family Housing Facilities	3,544	113	0	3,431	0	0	0
M162	Operation/Recreational Buildings	34	0	34	0	0	0	0
M163	Operation/Troop Housing Facilities	545	0	415	130	0	0	0
M164	Operation/Dining Facilities	559	559	0	0	0	0	0
M169	Operation/Other Residential Buildings	66	0	0	66	0	0	0
M171	Operation/Ammunition Storage Buildings	9,055	1,401	7,654	0	0	0	0
M173	Operation/Fuel Storage Buildings	29,619	222	0	0	29,397	0	0
M179	Operation/Other Warehouse Buildings	20,500	12,343	3,082	5,075	0	0	0
M181	Operation/Govt-Owned Contractor-Operated R	239,360	28,725	48,882	159,566	0	2,187	0
M182	Operation/Govt-Owned Government-Operated R	10,677	0	0	10,677	0	0	0
M191	Operation/Museums & Exhibition Buildings	167	0	0	0	0	167	0
M192	Operation/Testing & Measurement Buildings	91,380	1,568	151	89,661	0	0	0
M199	Operation/Other Miscellaneous Buildings	160,265	92,061	105	63,813	1,315	2,971	0
M211	Operation/Dams	120	0	0	0	0	120	0
M219	Operation/Other Conservation & Dev Facilit	4,181	0	0	0	0	4,181	0
M222	Operation/Highways, Roads, Streets, & Brid	288	0	0	0	0	288	0
M241	Operation/Fuel Supply Facilities	624	294	0	330	0	0	0
M242	Operation/Heating & Cooling Plants	5,896	2,198	56	3,642	0	0	0
M244	Operation/Sewage & Waste Facilities	278	0	31	247	0	0	0
M245	Operation/Water Supply Facilities	997	0	0	997	0	0	0
M249	Operation/Other Utilities	1,791	0	1,379	412	0	0	0
M291	Operation/Recreation Facilities (Non-Build	80	0	0	40	0	40	0
M293	Operation/Unimproved Real Property (Land)	762	0	0	762	0	0	0
M299	Operation/All Other Non-Building Facilitie	55,553	4,134	45,853	4,585	0	981	0
N010	Installation of Eq/Weapons	15,658	0	15,658	0	0	0	0
N012	Installation of Eq/Fire Control Equipment	215	0	215	0	0	0	0
N014	Installation of Eq/Guided Missiles	2,091	37-	2,128	0	0	0	0
N015	Installation of Eq/Aircraft Structural Com	76,958	0	76,958	0	0	0	0
N016	Installation of Eq/Aircraft Comps & Accys	14,190	0	14,190	0	0	0	0
N023	Installation of Eq/Vehicles-Trailers-Cycle	93	0	93	0	0	0	0
N028	Installation of Eq/Engines, Turbines & Com	73	0	73	0	0	0	0
N034	Installation of Eq/Metalworking Machinery	28-	28-	0	0	0	0	0
N036	Installation of Eq/Special Industry Machin	61	0	0	0	0	61	0
N039	Installation of Eq/Materials Handling Equi	39	0	0	0	0	0	39
N041	Installation of Eq/Refrigeration, Air Cond	364	303	0	0	0	0	61
N042	Installation of Eq/Fire, Rescue & Safety E	68	25	0	43	0	0	0
N045	Installation of Eq/Plumbing & Heating Equi	51	51	0	0	0	0	0
N046	Installation of Eq/Water Purification Equi	47	47	0	0	0	0	0
N048	Installation of Eq/Valves	64	0	0	0	64	0	0
N049	Installation of Eq/Maintenance & Repair Sh	410	0	410	0	0	0	0
N056	Installation of Eq/Construction Materials	227	27	200	0	0	0	0
N058	Installation of Eq/Communication Equipment	156,249	1,025	111,061	43,945	0	0	218
N059	Installation of Eq/Electrical & Elct Equip	25,536	44	25,024	86	0	0	382
N060	Installation of Eq/Fiber Optic Mats & Comp	517	0	0	517	0	0	0
N061	Installation of Eq/Power Distribution Equi	160	160	0	0	0	0	0
N063	Installation of Eq/Alarm & Signal Systems	1,144	417	727	0	0	0	0
N065	Installation of Eq/Medical & Dental Equipm	7,343	62	7,281	0	0	0	0
N066	Installation of Eq/Instruments & Lab Equip	1,508	0	1,508	0	0	0	0
N067	Installation of Eq/Photographic Equipment	100	0	0	0	0	0	100
N069	Installation of Eq/Training Aids & Devices	5,945	88	5,857	0	0	0	0
N070	Installation of Eq/ADP Equip & Supplies	10,954	139	620	9,750	0	0	445
N071	Installation of Eq/Furniture	1,577	378	49	1,150	0	0	0
N072	Installation of Eq/Household Furnishings	139	0	101	38	0	0	0
N073	Installation of Eq/Food Prep & Serving Equ	54	0	54	0	0	0	0
N074	Installation of Eq/Office Machines	62	34	0	28	0	0	0
N078	Installation of Eq/Recreational Equipment	267	267	0	0	0	0	0
N095	Installation of Eq/Metal Bars & Sheets	111	0	0	111	0	0	0

TABLE 4-2
Other Services and Construction
by DoD Component
Fiscal Year 1990

(Continued)

(Amounts in Thousands of Dollars)

CODE	DESCRIPTION	DoD COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
N099	Installation of Eq/Miscellaneous Equipment	84,697	32,034	40,547	11,464	0	291	361
P100	Prep & Disposal of Excess & Surplus Proper	99,951	304	83	33	99,531	0	0
P300	Salvage of Marine Vessels	527	0	0	0	0	527	0
P400	Demolition of Buildings	10,461	699	5,835	3,599	0	328	0
P500	Demolition of Structures or Fac (Other tha	6,002	1,780	388	66	0	3,768	0
P995	Other Salvage Services	35,658	37	34,980	429	0	212	0
Q101	Dependent Medicare Services	160,781	60	0	0	0	0	160,721
Q201	General Health Care Services	77,946	37,887	34,410	5,484	88	44	33
Q301	Laboratory Testing Services	26,819	23,270	1,987	1,412	0	0	150
Q401	Nursing Services	46,072	16,961	26,872	2,207	32	0	0
Q403	Evaluation & Screening	113	67	0	0	0	46	0
Q502	Cardio-Vascular Services	951	55	0	896	0	0	0
Q503	Dentistry Services	15,641	6,394	4,419	4,828	0	0	0
Q507	Gynecology	3,988	240	1,705	2,043	0	0	0
Q508	Hematology Services	102	39	63	0	0	0	0
Q509	Internal Medicine Services	1,420	1,183	237	0	0	0	0
Q510	Neurology Services	87	87	0	0	0	0	0
Q512	Optometry Services	91	38	53	0	0	0	0
Q513	Orthopedic Services	971	366	605	0	0	0	0
Q514	Otolaryngology Services	46	46	0	0	0	0	0
Q515	Pathology Services	4,164	2,772	191	1,201	0	0	0
Q516	Pediatric Services	842	260	381	201	0	0	0
Q517	Pharmacology Services	6,074	854	5,220	0	0	0	0
Q518	Physical Medicine & Rehabilitation Service	27	0	0	27	0	0	0
Q519	Psychiatry Services	4,773	4,510	153	81	0	29	0
Q521	Pulmonary Services	491	491	0	0	0	0	0
Q522	Radiology Services	17,581	9,609	2,363	5,609	0	0	0
Q523	Surgery Services	415	415	0	0	0	0	0
Q526	Medical/Psychiatric Consultation Services	1,697	1,409	201	29	25	0	33
Q999	Other Medical Services	83,149	20,107	42,528	4,041	0	55	16,418
R404	Land Surveys, Cadastral Services (Non-Cons	15,518	587	5,152	7,310	0	2,469	0
R405	Operations Research Services	11,185	1,036	1,276	5,910	1,936	43	984
R406	Policy Review/Development Services	5,592	4,129	1,463	0	0	0	0
R407	Program Evaluation Services	30,840	232	2,681	24,711	0	0	3,216
R408	Program Management/Support Services	826,375	72,749	290,447	461,273	0	273	1,633
R409	Program Review/Development Services	49,647	4,725	33,741	9,785	0	148	1,248
R411	Real Property Appraisal Services (SIC 6531	1,353	99	118	0	0	1,136	0
R412	Simulation	13,350	1,761	7,045	4,544	0	0	0
R413	Specifications Development Services	17,315	1,282	10,100	5,933	0	0	0
R414	Systems Engineering Services	1,287,138	97,733	382,751	805,722	0	0	932
R415	Technology Sharing/Utilization Services	44,553	8,929	3,353	6,748	25,523	0	0
R416	Veterinary/Animal Care Services	354	124	0	230	0	0	0
R418	Legal Services	5,307	0	1,089	848	0	3,300	70
R419	Educational Services	15,137	10,848	1,679	2,224	107	156	123
R420	Certifications & Accreditations	1,538	883	0	0	0	0	655
R421	Technical Assistance	62,998	16,145	20,712	20,515	0	0	5,626
R422	Telephone & Field Interview Services	1,568	0	48	74	0	0	1,446
R423	Intelligence Services	6,159	956	345	4,039	0	0	819
R424	Expert Witness	2,161	0	1,779	123	0	259	0
R425	Engineering Technical Services	2,153,753	456,449	764,531	917,322	74	224	15,153
R426	Communications Services	37,264	668	19,114	473	0	100	16,909
R427	Weather Reporting/Observation Services	158	0	252	94	0	0	0
R428	Industrial Hygienics	552	154	395	0	0	0	0
R497	Personal Services	4,912	60	38	4,814	0	0	0
R499	Other Professional Services	449,768	76,834	67,078	254,890	1,250	7,388	42,328
R602	Courier & Messenger Services	1,056	114	504	332	30	116	0
R603	Transcription Services	1,678	0	784	201	0	31	662
R604	Mailing & Distribution Services	7,546	542	1,872	4,287	644	201	0
R605	Library Services	2,565	622	1,529	183	0	79	152
R607	Word Processing/Typing Services	4,033	341	1,196	1,340	0	1,097	59
R608	Translation & Interpreting Services	232	54	0	178	0	0	0
R609	Stenographic Services	431	0	0	0	0	0	431
R610	Personal Property Management Services	103	0	34	69	0	0	0
R611	Credit Reporting Services	352	321	0	0	31	0	0
R612	Information Retrieval Services	176	26	0	0	0	150	0
R699	Other Administrative Support Services	36,073	12,377	13,385	9,201	0	265	845
R701	Advertising Services	150,139	8,924	13,826	16,535	0	58	110,796
R702	Data Collection Services	84,986	33,439	49,946	1,110	0	287	204
R703	Accounting or Financial Services	19,599	139	1,387	300	0	0	17,773
R704	Auditing Services	1,263	836	226	206	0	0	0
R705	Debt Collection Services	566	140	426	0	0	0	0
R706	Logistics Support Services	458,033	54,971	341,732	59,950	0	1,344	36
R707	Contract, Procurement & Acquisition Suppor	28,365	10,893	2,600	14,689	62	121	0
R708	Public Relations Services	179	0	179	0	0	0	0
R799	Other Management Support Services	426,931	150,737	230,989	38,515	0	649	6,041
S111	Gas Services	222,093	125,083	1,231	93,834	388	492	1,065

TABLE 4-2
Other Services and Construction
by DoD Component
Fiscal Year 1990

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D O D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
S112	Electric Services	835,560	410,636	413	418,452	3,017	220	2,822
S113	Telephone and/or Communications Services	444,954	63,508	4,295	35,863	0	83	341,205
S114	Water Services	52,692	29,193	482	22,561	0	386	70
S119	Other Utilities	185,837	150,265	4,905	30,313	75	35	244
S201	Custodial - Janitorial Services	371,974	150,241	112,132	102,852	2,789	3,074	886
S202	Fire Protection Services	16,186	1,178	14,017	991	0	0	0
S203	Food Services	313,133	142,850	64,784	105,499	0	0	0
S204	Fueling & Other Petroleum Svcs-Excluding	15,454	7,737	951	5,915	851	0	0
S205	Trash/Garbage Collection Svcs-Incl Port S	121,812	36,193	25,411	29,573	361	29,783	491
S206	Guard Services	104,197	64,852	21,862	7,789	390	3,093	6,211
S207	Insect & Rodent Control Services	1,863	451	779	476	0	90	67
S208	Landscaping/Groundskeeping Services	95,997	27,535	34,076	24,011	183	10,079	113
S209	Laundry & Dry Cleaning Services	40,854	24,249	11,177	5,314	0	114	0
S211	Surveillance Services	7,116	1,128	30	4,880	0	1,078	0
S212	Solid Fuel Handling Services	782	782	0	0	0	0	0
S214	Carpet Laying & Cleaning Services	3,521	682	2,576	175	88	0	0
S215	Warehousing & Storage Services	32,605	4,093	16,720	10,000	798	0	994
S216	Facilities Operations Support Services	293,864	111,239	120,944	59,090	0	2,212	379
S217	Interior Plantscaping Services	177	0	34	143	0	0	0
S218	Snow Removal/Salt Services	994	235	0	459	0	0	300
S222	Waste Treatment & Storage Services	5,261	2,774	1,518	819	0	50	0
S299	Other Housekeeping Services	144,850	31,628	27,983	71,440	32	10,761	3,006
T001	Arts/Graphics Services	21,441	3,356	16,428	248	0	0	1,409
T002	Cartography Services	2,172	0	29	0	0	0	2,143
T003	Cataloging Services	70	0	0	0	0	0	70
T004	Charting Services	1,999	0	0	0	125	0	1,873
T005	Film Processing Services	3,264	0	799	2,465	0	0	0
T006	Film/Video Tape Production Services	5,748	2,645	599	0	0	0	2,504
T007	Microform Services	2,306	580	622	379	30	0	695
T008	Photogrammetry Services	303	142	0	0	0	161	0
T009	Aerial Photographic Services	1,080	52	0	0	0	319	709
T010	General Photographic Services - Still	18,065	43	461	17,396	0	0	165
T011	Print/Binding Services	977	301	310	284	0	82	0
T012	Reproduction Services	3,743	306	660	2,689	0	88	0
T013	Technical Writing Services	33,938	7,267	14,760	11,871	0	0	40
T014	Topography Services	141	107	0	0	0	34	0
T015	General Photographic Services - Motion	1,357	185	0	1,542	0	0	0
T016	Audio/Visual Services	13,232	3,302	3,510	6,375	0	45	0
T099	Other Photographic Mapping, Printing, & Pu	11,574	1,202	4,871	1,903	140	2,682	776
U001	Lectures for Training	2,491	1,312	609	541	0	0	29
U002	Personnel Testing	2,510	133	918	35	0	0	1,424
U003	Reserve Training (Military)	1,488	1,296	0	192	0	0	0
U004	Scientific & Management Education	6,978	0	8,405	529	0	0	44
U005	Tuition, Registration & Membership Fees	117,118	86,039	5,428	25,651	0	0	0
U006	Vocational/Technical	131,038	12,312	75,438	43,011	0	277	0
U007	Faculty Salaries for Dependent Schools	37,051	31,453	0	5,598	0	0	0
U008	Training/Curriculum Development	16,712	1,224	14,746	134	0	0	608
U009	Education Services	245,930	108,838	83,970	50,784	468	1,064	806
U010	Certifications & Accreditations	264	0	0	0	0	0	264
U099	Other Education & Training Services	41,925	28,321	10,076	1,414	225	207	1,682
V002	Motor Pool Operations	28,710	6,381	6,583	15,746	0	0	0
V003	Packing/Crating Services	8,855	4,973	2,022	1,461	50	33	316
V111	Air Freight	1,996	0	28	1,968	0	0	0
V112	Motor Freight	9,901	5,200	4,468	42	0	191	0
V114	Stevedoring	75,653	69,713	5,038	902	0	0	0
V115	Vessel Freight	472,437	0	472,021	416	0	0	0
V119	Other Cargo & Freight Services	67,697	4,797	45,969	16,931	0	0	0
V121	Air Charter for Things	255,073	77	20,531	234,465	0	0	0
V122	Motor Charter for Things	645	381	160	104	0	0	0
V123	Rail Charter for Things	44,718	0	44,718	0	0	0	0
V124	Marine Charter For Things	988,210	0	988,210	0	0	0	0
V125	Vessel Towing Services	5,456	815	4,641	0	0	0	0
V129	Other Vehicle Charter for Transportation o	14,328	488	13,226	550	0	64	0
V211	Air Passenger Service	77,809	0	549	77,260	0	0	0
V212	Motor Passenger Service	21,334	17,914	770	2,142	62	446	0
V213	Rail Passenger Service	33	0	0	33	0	0	0
V214	Marine Passenger Service	373	30	343	0	0	0	0
V221	Passenger Air Charter Service	447,244	38	2,363	444,843	0	0	0
V222	Passenger Motor Charter Service	23,720	12,338	3,048	7,993	0	0	341
V225	Ambulance Service	2,064	2,064	0	0	0	0	0
V231	Lodging - Hotel/Motel	19,848	10,190	6,599	1,254	0	785	1,020
V241	Military Personnel Recruitment	17,297	16,557	466	274	0	0	0
V301	Relocation Services	13,261	11,583	88	79	0	0	1,511
V302	Travel Agent Services	61	61	0	0	0	0	0
V999	Other Transportation Travel & Relocation S	4,545	1,507	96	2,676	0	147	119
W010	Lease or Rental of Eq/Weapons	656	0	0	0	0	0	656

TABLE 4-2
Other Services and Construction
by DoD Component
Fiscal Year 1990

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	DoD COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
W013	Lease or Rental of Eq/Ammo & Explosives	73	73	0	0	0	0	0
W015	Lease or Rental of Eq/Aircraft Structural	2,091	1,657	313	121	0	0	0
W017	Lease or Rental of Eq/Aircraft Gnd Handlin	219-	219-	0	0	0	0	0
W019	Lease or Rental of Eq/Ships-Sml Craft-Dock	5,177	0	321	0	0	4,856	0
W020	Lease or Rental of Eq/Ship & Marine Equipm	2,799	1,103	38	0	0	1,658	0
W022	Lease or Rental of Eq/Railway Equipment	79	41	38	0	0	0	0
W023	Lease or Rental of Eq/Vehicles-Trailers-Cy	26,965	12,530	8,228	5,466	0	67	674
W024	Lease or Rental of Eq/Tractors	593	548	45	0	0	0	0
W025	Lease or Rental of Eq/Vehicular Equipment	225	65	160	0	0	0	0
W028	Lease or Rental of Eq/Engines, Turbines &	65	0	65	0	0	0	0
W029	Lease or Rental of Eq/Engine Accessories	45	0	0	0	0	45	0
W030	Lease or Rental of Eq/Mech Power Trans Equ	34	0	0	0	0	0	34
W034	Lease or Rental of Eq/Metalworking Machine	462	97	365	0	0	0	0
W035	Lease or Rental of Eq/Service & Trade Equi	1,528	600	592	336	0	0	0
W036	Lease or Rental of Eq/Special Industry Mac	15,955	2,490	9,563	3,013	255	238	396
W037	Lease or Rental of Eq/Agricultural Machine	136	34	102	0	0	0	0
W038	Lease or Rental of Eq/Construction Equipme	14,614	1,789	555	1,105	0	11,165	0
W039	Lease or Rental of Eq/Materials Handling E	3,692	1,037	2,250	405	0	0	0
W041	Lease or Rental of Eq/Refrigeration, Air C	293	141	0	152	0	0	0
W043	Lease or Rental of Eq/Pumps & Compressors	1,023	0	1,023	0	0	0	0
W044	Lease or Rental of Eq/Furnace-Steam Plant-	1,590	55	887	648	0	0	0
W045	Lease or Rental of Eq/Plumbing & Heating E	5,593	5,018	233	342	0	0	0
W046	Lease or Rental of Eq/Water Purification E	157	84	73	0	0	0	0
W049	Lease or Rental of Eq/Maintenance & Repair	2,151	131	2,020	0	0	0	0
W052	Lease or Rental of Eq/Measuring Tools	119	0	0	119	0	0	0
W054	Lease or Rental of Eq/Prefab Structures	3,161	559	1,621	981	0	0	0
W055	Lease or Rental of Eq/Lumber & Millwork	61	0	0	61	0	0	0
W056	Lease or Rental of Eq/Construction Materia	90	90	0	0	0	0	0
W058	Lease or Rental of Eq/Communication Equipm	217,006	1,895	928	10,366	0	28	203,789
W059	Lease or Rental of Eq/Electrical & Elct Eq	279	279	0	0	0	0	0
W062	Lease or Rental of Eq/Lighting Fixtures &	56	56	0	0	0	0	0
W063	Lease or Rental of Eq/Alarm & Signal Syste	2,369	1,316	0	564	0	0	489
W065	Lease or Rental of Eq/Medical & Dental Equ	1,861	1,086	453	322	0	0	0
W066	Lease or Rental of Eq/Instruments & Lab Eq	1,008	485	57	440	0	26	0
W067	Lease or Rental of Eq/Photographic Equipme	1,087	186	792	0	0	109	0
W068	Lease or Rental of Eq/Chemical Products	32	32	0	0	0	0	0
W069	Lease or Rental of Eq/Training Aids & Devi	1,720	1,291	296	88	45	0	0
W070	Lease or Rental of Eq/ADP Equip & Supplies	37,980	9,932	3,892	21,905	277	872	1,102
W071	Lease or Rental of Eq/Furniture	112	47	0	65	0	0	0
W072	Lease or Rental of Eq/Household Furnishing	1,679	955	448	276	0	0	0
W073	Lease or Rental of Eq/Food Prep & Serving	172	115	0	57	0	0	0
W074	Lease or Rental of Eq/Office Machines	19,272	8,582	5,863	3,932	314	277	304
W075	Lease or Rental of Eq/Office Supplies & De	566	148	128	29	0	71	190
W076	Lease or Rental of Eq/Books-Maps-Pubs	389	25	309	55	0	0	0
W079	Lease or Rental of Eq/Cleaning Equipment	379	329	25	25	0	0	0
W081	Lease or Rental of Eq/Containers-Packaging	912	205	707	0	0	0	0
W083	Lease or Rental of Eq/Textiles-Leather-Fur	778	738	40	0	0	0	0
W084	Lease or Rental of Eq/Clothing - Individua	79	34	45	0	0	0	0
W085	Lease or Rental of Eq/Toiletries	61	61	0	0	0	0	0
W099	Lease or Rental of Eq/Miscellaneous Equipm	11,052	1,015	6,899	1,189	894	338	717
X111	Lease/Office Buildings	3,135	29	1,143	1,059	50	93	761
X119	Lease/Other Administrative & Service Build	475	516-	185	806	0	0	0
X127	Lease/Electronic & Communication Facilitie	283	0	0	283	0	0	0
X129	Lease/Other Airfield Structures	112	112	0	0	0	0	0
X131	Lease/Schools	224	153	0	0	71	0	0
X139	Lease/Other Educational Buildings	134	29	0	105	0	0	0
X141	Lease/Hospitals & Infirmarys	67	0	67	0	0	0	0
X142	Lease/Laboratories & Clinics	494	0	494	0	0	0	0
X152	Lease/Maintenance Buildings	259	0	259	0	0	0	0
X159	Lease/Other Industrial Buildings	28	28	0	0	0	0	0
X161	Lease/Family Housing Facilities	1,816	391	0	1,425	0	0	0
X162	Lease/Recreational Buildings	88	88	0	0	0	0	0
X163	Lease/Troop Housing Facilities	1,255	101	0	1,154	0	0	0
X169	Lease/Other Residential Buildings	411	308	0	103	0	0	0
X172	Lease/Food or Grain Storage Buildings	153	153	0	0	0	0	0
X173	Lease/Fuel Storage Buildings	60,230	0	0	254	59,976	0	0
X174	Lease/Open Storage Facilities	48	0	123	75-	0	0	0
X179	Lease/Other Warehouse Buildings	494	147	0	347	0	0	0
X199	Lease/Other Miscellaneous Buildings	5,334	4,977	52	305	0	0	0
X219	Lease/Other Conservation & Development Fac	83	0	0	0	0	83	0
X224	Lease/Parking Facilities Construction	160	160	0	0	0	0	0
X239	Lease/EPG - Other, Including Transmission	180	0	180	0	0	0	0
X244	Lease/Sewage & Waste Facilities	38	38	0	0	0	0	0
X249	Lease/Other Utilities	33	0	0	0	0	33	0
X299	Lease/All Other Non-Building Facilities	124,113	27	122,860	26	0	1,200	0
Y111	Office Buildings	63,595	54,625	3,973	3,987	27	983	0

TABLE 4-2
Other Services and Construction
by DoD Component
Fiscal Year 1990

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D o D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
Y112	Conference Space & Facilities	1,750	118	1,438	194	0	0	0
Y119	Other Administrative & Service Buildings	227,074	97,834	110,949	9,927	172	8,192	0
Y121	Air Traffic Control Towers	768	378	353	37	0	0	0
Y122	Air Traffic Control Training Facilities	142	142	0	0	0	0	0
Y123	Radar & Navigational Facilities	32,517	129	1,369	31,277	0	0	0
Y124	Airport Runways	67,014	17,310	45,398	4,306	0	0	0
Y125	Airport Terminals	1,868	1,107	133	628	0	0	0
Y126	Missile System Facilities	16,167	12,166	3,650	35	0	0	0
Y127	Electronic & Communication Facilities	332,320	18,333	281,661	32,188	0	138	0
Y129	Other Airfield Structures	159,107	133,484	23,673	1,411	0	539	0
Y131	Schools	52,920	12,639	39,777	504	0	0	0
Y139	Other Educational Buildings	11,861	6,436	3,730	1,695	0	0	0
Y141	Hospitals & Infirmaries	69,722	60,215	9,005	502	0	0	0
Y142	Laboratories & Clinics	10,792	9,066	1,197	529	0	0	0
Y149	Other Hospital Buildings	12,141	7,498	8,111	3,458	0	0	0
Y151	Ammunition Facilities	26,497	20,808	5,667	22	0	0	0
Y152	Maintenance Buildings	8,706	3,221	6,420	4,712	0	795	0
Y153	Production Buildings	39,033	31,999	6,959	75	0	0	0
Y154	Ship Construction & Repair Facilities	7,361	0	7,361	0	0	0	0
Y155	Tank-Automotive Facilities	4,167	3,952	215	0	0	0	0
Y159	Other Industrial Buildings	98,625	75,159	19,560	787	0	3,119	0
Y161	Family Housing Facilities	111,735	30,280	70,364	8,216	35	2,840	0
Y162	Recreational Buildings	16,862	16,760	2,747	1,389	0	4,034	0
Y163	Troop Housing Facilities	70,197	35,592	32,311	2,294	0	0	0
Y164	Dining Facilities	9,567	2,761	6,806	0	0	0	0
Y165	Religious Facilities	1,608	1,068	111	429	0	0	0
Y169	Other Residential Buildings	23,006	18,856	2,731	911	0	125	383
Y171	Ammunition Storage Buildings	19,397	17,961	475	961	0	0	0
Y172	Food or Grain Storage Buildings	1,881	952	862	33	0	34	0
Y173	Fuel Storage Buildings	9,130	6,271	2,232	627	0	0	0
Y174	Open Storage Facilities	5,544	4,375	701	468	0	0	0
Y179	Other Warehouse Buildings	43,331	2,100	36,805	3,546	354	526	0
Y181	Government-Owned Contractor-Operated R&D F	14,422	0	0	14,422	0	0	0
Y182	Government-Owned Government-Operated R&D F	3,696	106	3,251	0	0	0	339
Y183	GOCO Environmental Laboratories	230	52	0	178	0	0	0
Y191	Museums & Exhibition Buildings	2,045	1,029	1,016	0	0	0	0
Y192	Testing & Measurement Buildings	3,464	2,428	811	225	0	0	0
Y199	Other Miscellaneous Buildings	454,205	279,470	159,691	5,360	2,455	7,229	0
Y211	Dams	229,625	10,730	29	0	0	218,866	0
Y212	Canals	7,924	31	0	0	0	7,893	0
Y213	Mine Fire Control Facilities	180	180	0	0	0	0	0
Y214	Mine Subsidence Control Facilities	66	0	66	0	0	0	0
Y216	Dredging	271,997	14,437	3,392	126	91	253,951	0
Y219	Other Conservation & Development Facilitie	304,734	17,790	3,422	98	0	283,424	0
Y221	Airport Service Roads	3,790	3,790	0	0	0	0	0
Y222	Highways, Roads, Streets, & Bridges	56,770	28,764	9,634	6,659	0	11,713	0
Y223	Tunnels & Subsurface Structures	12,290	267	0	0	0	12,380	0
Y224	Parking Facilities Construction	10,710	1,140	6,978	2,011	0	581	0
Y231	EPG - Coal	1,033	1,033	0	0	0	0	0
Y232	EPG - Gas	477	300	177	0	0	0	0
Y234	EPG - Hydro	167	0	0	0	0	167	0
Y236	EPG - Petroleum	404	323	52	29	0	0	0
Y239	EPG - Other, Including Transmission	12,015	6,025	4,023	134	0	1,833	0
Y241	Fuel Supply Facilities	18,326	13,607	3,880	839	0	0	0
Y242	Heating & Cooling Plants	12,642	11,026	1,101	515	0	0	0
Y243	Pollution Abatement & Control Facilities	6,815	2,454	393	2,133	0	1,835	0
Y244	Sewage & Waste Facilities	14,200	8,760	4,640	26	68	7,066	0
Y245	Water Supply Facilities	38,653	10,602	7,799	2,818	0	17,434	0
Y249	Other Utilities	34,951	13,596	16,846	2,430	0	2,079	0
Y291	Recreation Facilities (Non-Building)	20,397	2,618	1,282	586	0	15,911	0
Y292	Exhibit Design (Non-Building)	245	0	0	245	0	0	0
Y293	Unimproved Real Property (Land)	16,593	15,732	410	176	0	275	0
Y294	Waste Treatment & Storage Facilities	12,164	10,203	136	708	0	1,117	0
Y299	All Other Non-Building Facilities	350,986	92,822	39,502	16,846	77	201,739	0
Y300	Restoration Activities	67	0	67	0	0	0	0
Z111	Maint/Office Buildings	149,628	30,646	21,921	85,713	188	757	10,403
Z112	Maint/Conference Space & Facilities	566	88	0	0	0	272	206
Z119	Maint/Other Administrative & Service Build	206,934	60,763	57,059	86,647	0	1,280	1,185
Z121	Maint/Air Traffic Control Towers	1,745	172	119	1,455	0	0	0
Z122	Maint/Air Traffic Control Training Facilit	7,580	238	2,602	4,740	0	0	0
Z123	Maint/Radar & Navigational Facilities	4,628	188	181	4,259	0	0	0
Z124	Maint/Airport Runways	78,574	21,399	13,242	43,933	0	0	0
Z125	Maint/Airport Terminals	6,322	345	4,071	1,906	0	0	0
Z126	Maint/Missile System Facilities	13,536	377	7,259	5,900	0	0	0
Z127	Maint/Electronic & Communication Facilitie	43,577	18,085	11,873	12,405	0	0	1,214
Z129	Maint/Other Airfield Structures	42,872	11,804	13,332	17,020	0	716	0

TABLE 4-2
Other Services and Construction
by DoD Component
Fiscal Year 1990

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D O D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	O.D.A.
Z131	Maint/Schools	18,573	8,750	4,609	5,214	0	0	0
Z139	Maint/Other Educational Buildings	14,014	3,500	7,766	2,684	0	64	0
Z141	Maint/Hospitals & Infirmarys	51,412	11,682	15,058	24,672	0	0	0
Z142	Maint/Laboratories & Clinics	4,914	1,748	1,464	1,702	0	0	0
Z149	Maint/Other Hospital Buildings	21,881	6,745	8,120	7,016	0	0	0
Z151	Maint/Ammunition Facilities	6,268	1,363	2,841	2,064	0	0	0
Z152	Maint/Maintenance Buildings	74,047	23,697	7,611	42,739	0	0	0
Z153	Maint/Production Buildings	36,566	3,926	30,674	1,966	0	0	0
Z154	Maint/Ship Construction & Repair Facilitie	2,459	0	1,921	538	0	0	0
Z155	Maint/Tank-Automotive Facilities	2,355	852	948	555	0	0	0
Z159	Maint/Other Industrial Buildings	72,468	20,550	22,966	28,761	0	191	0
Z161	Maint/Family Housing Facilities	367,177	141,413	104,440	115,199	68	6,057	0
Z162	Maint/Recreational Buildings	22,724	7,420	4,899	8,706	0	1,699	0
Z163	Maint/Troop Housing Facilities	130,989	62,051	30,789	38,149	0	0	0
Z164	Maint/Dining Facilities	23,299	9,438	4,122	9,739	0	0	0
Z165	Maint/Religious Facilities	4,623	121	486	4,016	0	0	0
Z169	Maint/Other Residential Buildings	39,258	22,084	5,305	11,735	0	134	0
Z171	Maint/Ammunition Storage Buildings	4,515	2,845	845	825	0	0	0
Z172	Maint/Food or Grain Storage Buildings	3,952	999	1,895	1,058	0	0	0
Z173	Maint/Fuel Storage Buildings	9,654	3,387	318	5,949	0	0	0
Z174	Maint/Open Storage Facilities	2,868	545	69	2,254	0	0	0
Z179	Maint/Other Warehouse Buildings	37,215	12,087	15,082	7,869	1,697	480	0
Z181	Maint/Government-Owned Contractor-Operated	68	68	0	0	0	0	0
Z182	Maint/Government-Owned Government-Operated	17,925	1,197	5,776	10,952	0	0	0
Z191	Maint/Museums & Exhibition Buildings	2,012	652	47	1,313	0	0	0
Z192	Maint/Testing & Measurement Buildings	9,034	2,793	5,144	947	0	150	0
Z199	Maint/Other Miscellaneous Buildings	491,017	186,821	203,034	99,075	107	1,980	0
Z211	Maint/Dams	30,827	513	673	885	0	28,756	0
Z212	Maint/Canals	4,214	0	0	79	0	4,135	0
Z213	Maint/Mine Fire Control Facilities	1,324	988	0	336	0	0	0
Z214	Maint/Mine Subsidence Control Facilities	117	0	117	0	0	0	0
Z216	Maint/Dredging	66,082	39	5,050	913	0	60,080	0
Z219	Maint/Other Conservation & Development Fac	86,984	15,963	637	1,489	0	68,895	0
Z221	Maint/Airport Service Roads	13,741	1,941	1,372	10,428	0	0	0
Z222	Maint/Highways, Roads, Streets, & Bridges	106,932	25,708	30,675	37,556	363	12,630	0
Z223	Maint/Tunnels & Subsurface Structures	2,406	747	65	1,458	0	136	0
Z224	Maint/Parking Facilities Construction	19,445	7,946	4,450	6,904	0	145	0
Z231	Maint/EPG - Coal	850	0	303	547	0	0	0
Z232	Maint/EPG - Gas	1,593	338	45	1,210	0	0	0
Z234	Maint/EPG - Hydro	404	90	0	102	0	212	0
Z235	Maint/EPG - Nuclear	882	0	0	882	0	0	0
Z236	Maint/EPG - Petroleum	1,036	0	93	943	0	0	0
Z237	Maint/EPG - Solar	76	0	0	76	0	0	0
Z239	Maint/EPG - Other, Including Transmission	14,820	6,089	4,573	4,158	0	0	0
Z241	Maint/Fuel Supply Facilities	30,631	8,283	8,908	13,271	126	143	0
Z242	Maint/Heating & Cooling Plants	47,544	26,836	11,463	8,947	167	131	0
Z243	Maint/Pollution Abatement & Control Facili	5,271	140	549	4,582	0	0	0
Z244	Maint/Sewage & Waste Facilities	40,816	21,490	7,283	11,225	0	791	27
Z245	Maint/Water Supply Facilities	27,870	8,531	11,128	8,072	139	0	0
Z249	Maint/Other Utilities	87,384	20,327	49,301	17,756	0	0	0
Z291	Maint/Recreation Facilities (Non-Building)	11,980	4,578	3,855	3,204	0	343	0
Z292	Maint/Exhibit Design (Non-Building)	181	31	81	69	0	0	0
Z293	Maint/Unimproved Real Property (Land)	14,028	451	3,285	2,035	0	8,257	0
Z294	Maint/Waste Treatment & Storage Facilities	8,154	3,667	3,650	767	0	70	0
Z299	Maint/All Other Non-Building Facilities	381,035	72,283	197,844	52,434	5,983	51,409	982
Z300	Restoration Activities	3,627	3,627	0	0	0	0	0

TABLE 4-3
Supplies and Equipment
by DoD Component
Fiscal Year 1990

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	DoD COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
1005	Guns, Through 30 mm	445,931	196,626	196,744	51,589	972	0	0
1010	Guns, Over 30 mm Up To 75 mm	19,789	19,055	524	0	210	0	0
1015	Guns, 75 mm Through 125 mm	35,273	28,801	5,444	800	228	0	0
1020	Guns, Over 125 mm Through 150 mm	15,688	59	15,493	0	136	0	0
1025	Guns, Over 150 mm Through 200 mm	13,902	7,725	6,079	0	98	0	0
1030	Guns, Over 200 mm Through 300 mm	313	313	0	0	0	0	0
1035	Guns, Over 300 mm	163	0	163	0	0	0	0
1040	Chemical Weapons and Equipment	7,362	6,826	373	163	0	0	0
1045	Launchers, Torpedo and Depth Charge	17,095	0	17,095	0	0	0	0
1055	Launchers, Grenade, Rocket and Pyrotechnic	108,361	94,992	917	14,162	124	0	0
1070	Nets and Booms, Ordnance	84	0	84	0	0	0	0
1075	Degaussing and Mine Sweeping Equipment	7,979	96	7,883	0	0	0	0
1080	Camouflage and Deception Equipment	49,727	49,727	0	0	0	0	0
1090	Assy Intrncg Btwn Wpns In 2 or More Class	3,919	3,774	0	0	145	0	0
1095	Miscellaneous Weapons	595,071	32,067	562,829	148	323	0	0
1105	Nuclear Bombs	4,085	0	218	3,867	0	0	0
1115	Nuclear Warheads and Warhead Sections	23,573	0	0	23,573	0	0	0
1135	Fusing and Firing Devices, Nucl Ordnance	454	26	170	258	0	0	0
1145	Explosive and Pyrotechnic Comps, Nucl Ord	168	168	0	0	0	0	0
1190	Specilized Test and Handling Eq, Nucl Ord	1,984	0	3,721	1,737	0	0	0
1195	Miscellaneous Nuclear Ordnance	968	117	0	1,085	0	0	0
1210	Fire Control Directors	44,441	72	44,369	0	0	0	0
1220	Fire Control Computing Sights & Devices	32,573	23,473	9,100	0	0	0	0
1230	Fire Control Systems, Complete	392,953	751	388,965	3,237	0	0	0
1240	Optical Sighting and Ranging Equipment	269,694	253,408	10,884	5,372	30	0	0
1250	Fire Control Stabilizing Mechanisms	69	0	69	0	0	0	0
1260	Fire Cntl Designating & Indicating Equip	40,184	30,804	738	8,593	49	0	0
1265	Fire Control Transmitting & Receiving Eq	80,126	23,580	56,546	0	0	0	0
1270	Aircraft Gunnery Fire Control Components	378,709	53,263	7,502	317,812	132	0	0
1280	Aircraft Bombing Fire Control Components	111,439	0	92,293	19,055	91	0	0
1285	Fire Control Radar Equip, Except Airborne	23,603	1,357	22,158	0	88	0	0
1287	Fire Control Sonar Equipment	11,429	0	11,429	0	0	0	0
1290	Miscellaneous Fire Control Equipment	104,996	43,310	61,442	187	57	0	0
1305	Ammunition, Through 30 mm	164,174	137,001	27,061	76	0	0	36
1310	Ammunition, Over 30 mm Up To 75 mm	59,350	57,866	1,484	0	0	0	0
1315	Ammunition, 75 mm Through 125 mm	497,481	497,481	0	0	0	0	0
1320	Ammunition, Over 125 mm	216,851	214,853	1,998	0	0	0	0
1325	Bombs	446,524	388,258	1,870	60,136	0	0	0
1330	Grenades	73,596	73,563	33	0	0	0	0
1336	Guided Msl Warheads and Explosive Comps	21,495	8,571	12,273	651	0	0	0
1337	Guide Msl & Space Veh Explo Un, Fuel, Comp	45,962	6,832	3,643	35,487	0	0	0
1338	Guide Msl and Sp Veh Inert Un, Fuel, Comp	3,233	0	1,372	1,861	0	0	0
1340	Rockets, Rocket Ammunition & Rocket Comps	503,406	498,045	5,361	0	0	0	0
1345	Land Mines	128,724	128,699	25	0	0	0	0
1350	Underwater Mine Inert Components	18,382	115	18,267	0	0	0	0
1351	Underwater Mine Explosive Components	4,331	0	4,331	0	0	0	0
1355	Torpedo Inert Components	464,321	0	464,321	0	0	0	0
1356	Torpedo Explosive Components	1,353	0	1,353	0	0	0	0
1360	Depth Charge Inert Components	190	0	190	0	0	0	0
1361	Depth Charge Explosive Components	300	300	0	0	0	0	0
1365	Military Chemical Agents	3,651	3,651	0	0	0	0	0
1370	Pyrotechnics	39,964	33,342	6,759	137	0	0	0
1375	Demolition Materials	12,707	11,254	1,453	0	0	0	0
1376	Bulk Explosives	79,030	78,203	592	235	0	0	0
1377	Cartridge & Propellant Actuated Dv & Comps	82,407	2,067	39,796	40,544	0	0	0
1385	Surface Use Explo Ord Disposal Tools & Eq	1,455	0	1,826	371	0	0	0
1386	Undtr Use Explo Ord Disposal Tools & Eq	141	0	141	0	0	0	0
1390	Fuses and Primers	152,076	151,394	264	418	0	0	0
1395	Miscellaneous Ammunition	3,983	3,562	360	0	0	0	61
1398	Specilized Ammo Handling and Svcing Equip	9,111	370	8,278	463	0	0	0
1410	Guided Missiles	2,314,973	196,380	1,176,803	941,790	0	0	0
1420	Guided Missile Components	816,874	196,911	392,616	227,227	120	0	0
1425	Guided Missile Systems, Complete	1,915,207	274,736	1,583,328	57,143	0	0	0
1427	Guided Missile Subsystems	896,442	103,007	106,270	687,165	0	0	0
1430	Guided Missile Remote Control Systems	120,147	99,835	18,820	1,147	345	0	0
1440	Launchers, Guided Missile	720,403	153,654	463,253	102,760	736	0	0
1450	Guided Missile Handling & Servicing Equip	545,408	480,181	18,190	47,037	0	0	0
1510	Aircraft Fixed Wing	8,885,442	25,394	3,320,921	5,540,127	0	0	0
1520	Aircraft Rotary Wing	2,345,364	1,970,639	372,469	2,256	0	0	0
1550	Drones	106,815	3,661	29,287	73,867	0	0	0
1560	Airframe Structural Components	1,006,184	341,466	165,788	481,797	17,133	0	0
1610	Aircraft Propellers	40,639	4,057	13,140	22,525	917	0	0
1615	Helicopter Rotor Blades, Drive Mechanisms	303,272	239,073	60,207	2,948	1,044	0	0
1620	Aircraft Landing Gear Components	87,872	4,278	14,702	67,739	1,153	0	0
1630	Aircraft Wheel and Brake Systems	112,482	3,507	16,279	90,816	1,890	0	0
1650	Acft Hydraulic, Vacuum & De-icing Sys Comp	138,334	31,295	55,178	43,101	8,760	0	0

TABLE 4-3 **Supplies and Equipment** **by DoD Component** **Fiscal Year 1990**

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	DoD COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
1660	Aircraft AC, Heating and Pressurizing Eq	59,521	1,908	24,535	32,595	483	0	0
1670	Parachutes and Cargo Tie Down Equipment	63,144	41,515	3,893	15,740	1,996	0	0
1680	Msl Aircraft Accessories and Components	1,713,647	217,667	632,090	855,082	8,808	0	0
1710	Aircraft Landing Equipment	17,865	231	10,922	6,712	0	0	0
1720	Aircraft Launching Equipment	13,601	184	13,417	0	0	0	0
1730	Aircraft Ground Servicing Equipment	102,781	7,307	50,151	43,331	1,992	0	0
1740	Airfield Specialized Trucks and Trailers	32,367	33,817	4,223-	2,722	51	0	0
1810	Space Vehicles	130,480	0	5,816	124,664	0	0	0
1820	Space Vehicle Components	257,186	0	0	257,186	0	0	0
1830	Space Vehicle Remote Control Systems	48,388	0	0	48,388	0	0	0
1840	Space Vehicle Launchers	368,067	0	0	368,067	0	0	0
1850	Space Vehicle Handling & Servicing Equip	33	0	33	0	0	0	0
1900	Frigates and Corvettes	1,002	0	972	0	0	30	0
1901	Aircraft Carriers	132,350	0	132,350	0	0	0	0
1902	Cruisers	26,477	0	26,477	0	0	0	0
1903	Destroyers	1,430,474	0	1,430,474	0	0	0	0
1904	Submarines	1,591,859	0	1,591,859	0	0	0	0
1905	Combat Ships and Landing Vessels	2,795	3,649	854-	0	0	0	0
1906	Minelayers and Minesweepers	358,826	0	358,826	0	0	0	0
1907	Landing Craft	201,233	31	201,202	0	0	0	0
1908	Torpedo Boats and Gun Boats	98,353	0	98,353	0	0	0	0
1910	Transport Vessels, Passenger and Troop	143	0	29	0	0	114	0
1911	Amphibious Assault Ships	256,654	0	256,654	0	0	0	0
1915	Cargo and Tanker Vessels	371,975	0	371,975	0	0	0	0
1920	Fishing Vessels	53	0	0	53	0	0	0
1921	Tugs and Towboats	15,376	0	14,833	0	0	543	0
1924	Repair Ships	252	0	252	0	0	0	0
1925	Special Service Vessels	111,591	0	111,591	0	0	0	0
1928	Salvage Vessels	339	0	339	0	0	0	0
1930	Barges and Lighters, Cargo	759	0	76	0	0	683	0
1935	Barges and Lighters, Special Purpose	15,533	0	15,275	0	0	258	0
1940	Small Craft	46,991	11,192	34,977	331	0	491	0
1945	Pontoons and Floating Docks	13,054	11,487	1,567	0	0	0	0
1950	Floating Drydocks	188	0	188	0	0	0	0
1955	Dredges	94	0	0	0	0	94	0
1990	Miscellaneous Vessels	90,191	0	87,537	0	0	2,654	0
2010	Ship and Boat Propulsion Equipment	96,804	213	94,863	0	622	1,106	0
2020	Rigging and Rigging Gear	900	38	822	40	0	0	0
2030	Deck Machinery	15,077	1,091	13,956	0	30	0	0
2040	Marine Hardware and Hull Items	30,701	502	27,238	172	2,712	77	0
2050	Buoys	1,550	28	1,453	0	0	69	0
2090	Miscellaneous Ship and Marine Equipment	79,466	349	74,189	0	2,506	2,422	0
2210	Locomotives	329	0	0	0	0	0	0
2230	Right-of-way Const and Maint Eq, Railroad	1,455	1,228	146	0	81	0	0
2240	Locomotive & Rail Car Accessories & Comps	45	0	45	0	0	0	0
2250	Track Material, Railroad	451	119	240	92	0	0	0
2305	Ground Effect Vehicles	1,489	859	438	41	0	151	0
2310	Passenger Motor Vehicles	7,383	5,410	1,156	384	0	364	69
2320	Trucks and Truck Tractors, Wheeled	686,527	635,623	3,483	46,154	0	1,267	0
2330	Trailers	154,040	136,497	14,632	2,885	0	26	0
2340	Motorcycles, Motor Scooters and Bicycles	1,603	59	970	471	103	0	0
2350	Combat Assault & Tactical Veh, Tracked	926,978	927,188	303-	93	0	0	0
2410	Tractor, Full Tracked, Low Speed	11,634	1,422	875	0	8,752	585	0
2420	Tractors, Wheeled	8,767	4,694	45-	55	3,248	815	0
2430	Tractors, Full Tracked, High Speed	372	290	0	0	0	82	0
2510	Vehicular Cab, Body, Frame Structural Comp	31,987	24,928	3,364	701	2,994	0	0
2520	Vehicular Power Transmission Components	364,435	359,304	525	876	3,730	0	0
2530	Vehicular Brake, Steering, Axle Wheel Comp	255,062	239,487	830	917	13,828	0	0
2540	Vehicular Furniture and Accessories	40,393	33,940	71-	98	6,426	0	0
2550	Miscellaneous Vehicular Components	78,439	72,965	2,152	1,796	1,396	0	130
2610	Tires & Tubes, Pneumatic, Except Aircraft	77,054	76,653	140	210	51	0	0
2620	Tires and Tubes, Pneumatic, Aircraft	56,558	626	4,994	50,905	33	0	0
2630	Tires, Solid and Cushion	157	157	0	0	0	0	0
2640	Tire Rebuilding & Tire & Tube Repair Mats	2,315	2,105	0	210	0	0	0
2805	Gas Reciprocating Eng, Except Acft, Comps	3,586	993	768	360	1,465	0	0
2810	Gas Reciprocating Eng, Aircraft & Comps	2,190	1,104	466	620	0	0	0
2815	Diesel Engines and Components	141,657	116,013	12,420	757	12,357	110	0
2825	Steam Turbines and Components	5,477	0	4,051	310-	1,736	0	0
2830	Water Turbines & Water Wheels & Comps	3,441	36	290	0	0	3,115	0
2835	Gas Turbines and Jet Eng, Ex Acft & Comps	542,771	431,051	25,752	82,557	3,404	0	0
2840	Gas Turbines and Jet Engines, Acft & Comps	4,114,961	482,204	792,211	2,829,339	11,207	0	0
2845	Rocket Engines and Components	1,422	1,422	0	0	0	0	0
2850	Gasoline Rotary Engines & Components	43,755	0	42,755	0	0	0	0
2895	Miscellaneous Engines and Components	102,943	1,301	99,459	68	30	2,085	0
2910	Engine Fuel Sys Components, Nonaircraft	27,739	14,424	1,618	3,837	7,860	0	0
2915	Engine Fuel System Components, Aircraft	225,702	9,634	38,580	173,930	3,558	0	0

TABLE 4-3
Supplies and Equipment
by DoD Component
Fiscal Year 1990

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D o D C O M P O N E N T					
		TOTAL	Army	Navy	Air Force	DLA	OCE ODA
2920	Engine Electrical Sys Comps, Nonaircraft	46,913	40,626	642	689	4,916	40 0
2925	Engine Electrical Sys Comps, Aircraft	31,051	6,770	7,201	13,847	3,243	0 0
2930	Engine Cooling Sys Comps, Nonaircraft	10,676	6,944	1,037	433	2,262	0 0
2935	Engine Cooling Sys Components, Aircraft	6,037	658	649	3,838	892	0 0
2940	Eng Filters, Strainers & Cleaners, Nonacft	17,555	11,700	3,513	36	2,306	0 0
2945	Engine Air & Oil Filters - Aircraft	3,113	1,220	831	802	260	0 0
2950	Turbosuperchargers	3,343	386	2,790	0	167	0 0
2990	Misc Engine Accessories, Nonaircraft	8,455	3,960	2,619	564	1,150	162 0
2995	Misc Engine Accessories, Aircraft	46,888	16,230	12,995	16,178	1,485	0 0
3010	Torque Converters and Speed Changers	13,508	5,696	2,819	2,538	2,523	68- 0
3020	Gears, Pulleys, Sprockets and Trans Chain	37,590	11,355	11,226	6,778	8,053	178 0
3030	Beltng, Drive Belts, Fan Belts & Accys	323	202	0	0	121	0 0
3040	Miscellaneous Power Transmission Equip	42,390	12,375	10,901	9,954	9,001	159 0
3110	Bearings, Antifriction, Unmounted	58,801	15,151	18,846	13,060	11,744	0 0
3120	Bearings, Plain, Unmounted	23,528	5,466	4,475	8,448	5,139	0 0
3130	Bearings, Mounted	1,205	723	322	59	101	0 0
3210	Sawmill and Planing Mill Machinery	30	0	30	0	0	0 0
3220	Woodworking Machines	1,299	102	260	504	433	0 0
3405	Saws and Filing Machines	3,671	1,858	1,023	717	73	0 0
3408	Machining Centers & Way-type Machines	17,548	11,834	5,334	380	0	0 0
3410	Electrical & Ultrasonic Erosion Machines	538	71	37	430	0	0 0
3411	Boring Machines	4,035	1,484	2,271	280	0	0 0
3412	Broaching Machines	38	0	38	0	0	0 0
3413	Drilling and Tapping Machines	2,546	1,711	54	292	489	0 0
3414	Gear Cutting and Finishing Machines	432	222	26	184	0	0 0
3415	Grinding Machines	6,916	801	4,769	543	803	0 0
3416	Lathes	17,512	3,290	9,536	3,772	870	44 0
3417	Milling Machines	4,674	2,848	1,887	306-	245	0 0
3419	Miscellaneous Machine Tools	3,671	277	2,222	1,028	74	70 0
3422	Rolling Mills and Drawing Machines	88	47	41	0	0	0 0
3424	Metal Heat Treating & Non-thermal Equip	1,100	169	56	875	0	0 0
3426	Metal Finishing Equipment	794	0	732	62	0	0 0
3431	Electric Arc Welding Equipment	11,241	5,960	2,397	606	2,278	0 0
3432	Electric Resistance Welding Equipment	304	0	74	230	0	0 0
3433	Gas Welding, Heat Cutting, & Metalizing Eq	1,315	160	651	180	324	0 0
3438	Miscellaneous Welding Equipment	487	141	278	68	0	0 0
3439	Misc Welding, Soldering & Brazing Supply	4,808	110	985	1,515	2,198	0 0
3441	Bending and Forming Machines	5,382	138	1,955	1,986	164	1,139 0
3442	Hydraulic and Pneumatic Presses, Power Dr	431	215	216	0	0	0 0
3443	Mechanical Presses, Power Driven	709	649	30	30	0	0 0
3444	Manual Presses	342	0	0	0	342	0 0
3445	Punching and Shearing Machines	4,114	1,340	1,549	495	620	110 0
3446	Forging Machinery and Hammers	198	35	97	0	66	0 0
3448	Riveting Machines	101	0	0	101	0	0 0
3449	Msc Secondary Metal Forming & Cutting Mach	61	0	61	0	0	0 0
3450	Machine Tools, Portable	1,118	0	1,118	0	0	0 0
3455	Cutting Tools for Machine Tools	948	180	307	434	27	0 0
3456	Cutting Tools for Secondary Metal Mach	984	0	929	0	55	0 0
3460	Machine Tool Accessories	4,636	421	3,611	0	604	0 0
3461	Accessories for Secondary Metal Machinery	94	0	94	0	0	0 0
3465	Production Jigs, Fixtures and Templates	334	301	33	0	0	0 0
3470	Machine Shop Sets, Kits, and Outfits	116	0	116	0	0	0 0
3510	Laundry and Dry Cleaning Equipment	7,591	2,653	2,505	563	1,870	0 0
3530	Indust Sewing Mach & Mobile Tex Repr Shops	765	0	0	0	765	0 0
3540	Wrapping and Packaging Machinery	953	175	208	356	35	0 179
3590	Misc Service and Trade Equipment	4,068	19	1,742	1,832	0	475 0
3605	Food Products Machinery and Equipment	319	145	32	142	0	0 0
3610	Printing, Duplicating & Bookbinding Equip	36,370	8,501	17,717	5,505	1,406	943 2,298
3611	Industrial Marking Machines	621	121	139	361	0	0 0
3615	Pulp and Paper Industries Machinery	1,439	128	354	353	578	0 26
3620	Rubber & Plastic Working Machinery	1,292	93	639	560	0	0 0
3625	Textile Industries Machinery	421	0	0	0	421	0 0
3635	Crystal & Glass Industries Machinery	148	0	148	0	0	0 0
3640	Tobacco Manufacturing Machinery	45	45	0	0	0	0 0
3645	Leather Tanning and Working Machinery	101	101	0	0	0	0 0
3650	Chemical and Pharmaceutical Machinery	311	214	97	0	0	0 0
3655	Gas Generating and Dispensing Systems	11,713	0	6,837	4,833	43	0 0
3660	Industrial Size Reduction Machinery	330	0	95	0	235	0 0
3670	Specialized Circuit Board Manufacturing Mac	3,183	0	364	2,819	0	0 0
3680	Foundry Machinery, Related Equip & Sup	422	53	333	36	0	0 0
3685	Specialized Metal Container Mfg Mach & Eq	27	0	0	27	0	0 0
3690	Specialized Ammunition and Ordnance Mach	1,668	731	537	400	0	0 0
3693	Industrial Assembly Machines	85	34	0	0	51	0 0
3694	Clean Work Stations, Controlled Environ Eq	331	0	120	211	0	0 0
3695	Miscellaneous Special Industry Machinery	6,271	1,368	3,034	290	0	1,579 0
3710	Soil Preparation Equipment	113	113	0	0	0	0 0

TABLE 4-3
Supplies and Equipment
by DoD Component
Fiscal Year 1990

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D O D C O M P O N E N T						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
3720	Harvesting Equipment	116	30	0	86	0	0	0
3730	Dairy, Poultry, and Livestock Equipment	235	92	143	0	0	0	0
3740	Pest, Disease, and Frost Control Equipment	307	61-	0	0	368	0	0
3750	Gardening Implements and Tools	1,969	679	225	1,065	0	0	0
3770	Saddlery, Harness, Whips and Furnishings	297	129	0	168	0	0	0
3805	Earth Moving and Excavating Equipment	39,828	1,273	665	348	37,229	313	0
3810	Cranes and Crane-shovels	29,163	8,699	3,389	382	15,176	1,517	0
3815	Crane and Crane-shovel Attachments	1,055	766	0	0	183	106	0
3820	Mining, Rock Drilling, Earth Boring Equip	12,286	9,057	313	148	2,197	571	0
3825	Road Clearing and Cleaning Equipment	11,440	533	758	982	9,167	0	0
3830	Truck and Tractor Attachments	713	131	0	90	492	0	0
3835	Petroleum Production & Distribution Equip	13,789	13,495	294	0	0	0	0
3895	Miscellaneous Construction Equipment	12,277	6,632	430	816	3,816	582	0
3910	Conveyors	6,435	1,908	848	2,997	682	0	0
3915	Materials Feeders	741	0	741	0	0	0	0
3920	Mat Handling Equip, Nonself-propelled	4,454	559	998	2,091	806	0	0
3930	Warehouse Trks & Tractors, Self-propelled	127,920	51,404	3,799	46,690	25,912	115	0
3940	Blocks Tackle Rigging and Slings	3,046	252	1,402	0	1,362	30	0
3950	Winches, Hoists, Cranes and Derricks	39,091	2,327	32,924	2,629	1,268	57-	0
3960	Elevators and Escalators	368	321	0	47	0	0	0
3990	Miscellaneous Materials Handling Equip	77,076	25,410	12,511	24,675	13,480	0	0
4010	Chain and Wire Rope	12,594	398	5,913	664	4,388	1,231	0
4020	Fiber Rope Cordage and Twine	7,619	31	974	97	6,517	0	0
4030	Fittings for Rope, Cable and Chain	1,804	823	338	112	485	46	0
4110	Refrigeration Equip	19,753	3,591	4,354	2,918	8,890	0	0
4120	Air Conditioning Equip	36,555	21,134	5,870	6,295	2,020	80	1,156
4130	Refrigeration and Air Conditioning Comps	14,650	3,224	6,662	2,036	2,728	0	0
4140	Fans, Air Circulators & Blower Equip	12,944	4,217	3,041	3,739	1,947	0	0
4210	Fire Fighting Equipment	96,931	12,483	27,883	43,904	12,661	0	0
4220	Marine Lifesaving and Diving Equipment	17,612	381	5,648	4,470	7,113	0	0
4230	Decontaminating and Impregnating Equip	12,431	7,005	151	4,866	409	0	0
4240	Safety and Rescue Equipment	114,243	50,439	9,949	45,809	7,963	0	83
4310	Compressors and Vacuum Pumps	26,688	3,275	9,500	8,080	5,517	316	0
4320	Power and Hand Pumps	80,567	26,209	33,584	14,074	6,571	129	0
4330	Centrifugals, Separators, and Filters	13,306	3,960	4,599	560	4,020	167	0
4410	Industrial Boilers	4,053	120	2,187	544	1,034	168	0
4420	Heat Exchangers and Steam Condensers	2,437	113	1,010	251	1,063	0	0
4430	Industrial Furnaces, Kilns, Lehrs & Ovens	5,495	497	2,236	2,500	0	262	0
4440	Driers, Dehydrators and Anhydrators	4,087	129	2,672	332	954	0	0
4460	Air Purification Equipment	2,375	988	1,218	124	45	0	0
4470	Nuclear Reactors	675,627	0	675,627	0	0	0	0
4510	Plumbing Fixtures and Accessories	7,008	851	1,332	1,481	3,316	28	0
4520	Space Heating Eq & Domestic Water Heaters	5,556	729	0	3,140	1,687	0	0
4530	Fuel Burning Equipment Units	1,522	58	28	119	1,317	0	0
4540	Misc Plumbing, Heating & Sanitation Equip	2,699	836	689	528	584	62	0
4610	Water Purification Equipment	25,761	15,002	8,529	27	2,155	48	0
4620	Water Distillation Equip Marine & Indust	2,410	1,938	421	0	51	0	0
4630	Sewage Treatment Equipment	922	168	393	53	190	118	0
4710	Pipe and Tube	21,182	1,448	4,658	4,029	10,412	71	564
4720	Hose and Tubing, Flexible	15,093	924	4,655	2,376	7,138	0	0
4730	Fittings & Specialties: Hose, Pipe & Tube	28,418	3,838	7,235	5,031	12,030	284	0
4810	Valves, Powered	45,081	950	20,699	16,430	6,823	179	0
4820	Valves, Nonpowered	65,763	10,559	29,666	10,175	15,221	142	0
4910	Motor Veh Maint & Repr Shop Specialized Eq	34,305	29,519	754	1,683	2,349	0	0
4920	Acft Maint & Repair Shop Specialized Equip	283,599	12,642	43,829	226,493	635	0	0
4921	Torpedo Maint, Repair & Checkout Spec Eq	750	0	750	0	0	0	0
4923	Depth Charges, Mines Maint & Repair Equip	296	0	296	0	0	0	0
4925	Ammunition Maint, Repr & Checkout Spec Eq	2,350	2,238	0	112	0	0	0
4927	Rocket Maint, Repair & Checkout Spec Equip	189	233	44-	0	0	0	0
4930	Lubrication & Fuel Dispensing Equipment	21,654	10,586	3,462	2,827	4,779	0	0
4931	Fire Control Maint & Repair Shop Spec Eq	27,599	27,798	69	268-	0	0	0
4933	Weapons Maint, Repair & Checkout Spec Eq	4,783	2,073	472	2,132	101	0	0
4935	Guided Missile Maint, Repair Specialized Eq	68,860	50,900	2,899	15,088	27-	0	0
4940	Miscellaneous Maint, Repair Specialized Eq	91,412	79,909	4,892	5,256	1,355	0	0
5110	Hand Tools, Edged, Nonpowered	247	122	91	34	0	0	0
5120	Hand Tools, Nonedged, Nonpowered	6,052	3,839	1,362	851	0	0	0
5130	Hand Tools, Power Driven	4,410	2,819	512	1,079	0	0	0
5133	Drill Bits, Counterbores, and Countersinks	149	0	149	0	0	0	0
5136	Taps, Dies, and Collets: Hand and Machine	142	0	37	105	0	0	0
5140	Tool and Hardware Boxes	44	72-	33	33	0	0	0
5180	Sets, Kits and Outfits of Hand Tools	8,082	2,498	1,929	3,665	0	0	0
5210	Measuring Tools, Craftsmen's	1,232	99	775	358	0	0	0
5220	Inspection Gauges & Precision Layout Tools	4,379	195	767	3,389	28	0	0
5280	Sets, Kits and Outfits of Measuring Tools	2,011	57	1,374	580	0	0	0
5305	Screws	3,530	117	512	697	2,194	0	0
5306	Bolts	8,168	2,131	1,040	2,632	2,332	33	0

TABLE 4-3
Supplies and Equipment
by DoD Component
Fiscal Year 1990

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	DoD COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
5307	Studs	715	0	319	150	246	0	0
5310	Nuts and Washers	9,899	735	1,709	1,230	6,225	0	0
5315	Nails, Keys and Pins	1,648	306	120	988	234	0	0
5320	Rivets	3,356	0	28	386	2,942	0	0
5325	Fastening Devices	1,550	25	273	234	1,018	0	0
5330	Packing and Gasket Materials	20,694	6,380	2,904	4,265	7,145	0	0
5335	Metal Screening	67	0	0	0	38	29	0
5340	Miscellaneous Hardware	37,215	7,380	6,076	6,629	17,025	105	0
5345	Disks and Stones, Abrasive	442	0	442	0	0	0	0
5350	Abrasive Materials	3,760	330	1,893	1,537	0	0	0
5355	Knobs and Pointers	267	61	55	75	76	0	0
5360	Coil, flat and Wire Springs	607	648	0	32	73	0	0
5365	Rings, Shims and Spacers	4,779	2,364	1,000	838	577	0	0
5410	Prefabricated and Portable Buildings	30,311	14,235	9,070	6,813	386	539	40
5411	Rigid Wall Shelters	27,855	13,555	13,624	676	0	0	0
5420	Bridges, Fixed and Floating	7,004	6,634	50	43	244	33	0
5430	Storage Tanks	13,643	7,674	3,439	2,574	44	0	0
5440	Scaffolding Equipment and Concrete Forms	3,831	176	2,507	236	864	48	0
5445	Prefabricated Tower Structures	1,765	1,188	79	498	0	0	0
5450	Miscellaneous Prefabricated Structures	11,870	1,295	1,396	1,981	2,665	4,533	0
5510	Lumber and Related Basic Wood Materials	23,814	4,021	10,747	264	8,684	98	0
5520	Millwork	246	89	69	88	0	0	0
5530	Plywood and Veneer	4,749	342	287	0	4,120	0	0
5610	Mineral Construction Materials, Bulk	14,124	8,555	1,861	857	0	2,851	0
5620	Building Glass, Tile, Brick and Block	758	365	358	35	0	0	0
5630	Pipe and Conduit, Nonmetallic	280	45	235	0	0	0	0
5640	Wallboard Bldg & Thermal Insulation Mat	1,351	300	637	414	0	0	0
5650	Roofing and Siding Materials	367	129	144	94	0	0	0
5660	Fencing, Fences and Gates	7,183	642	232	44	6,265	0	0
5670	Building Components, Prefabricated	1,649	459	234	891	0	65	0
5680	Miscellaneous Construction Materials	24,066	5,597	862	1,553	283	15,771	0
5805	Telephone and Telegraph Equipment	202,339	61,656	42,672	53,297	5,893	1,184	37,637
5810	Communications Security Equip and Comps	553,435	122,587	26,734	402,986	72	107	949
5811	Other Cryptologic Equipment & Components	6,491	1,673	1,539	3,279	0	0	0
5815	Teletype and Facsimile Equipment	36,647	22,388	10,510	3,043	431	39	236
5820	Radio & TV Comm Equipment, Except Airborne	447,717	177,346	114,157	152,891	1,363	440	1,520
5821	Radio and TV Comm Equipment, Airborne	205,315	23,505	18,798	162,432	505	75	0
5825	Radio Navigation Equip, Except Airborne	219,956	192,685	5,370	21,578	93	230	0
5826	Radio Navigation Equipment, Airborne	112,149	22,161	42,817	47,171	0	0	0
5830	Intercomm Public Address Sys, Ex Airborne	30,466	2,456	26,642	1,081	244	43	0
5831	Intercomm Public Address Sys, Airborne	5,207	140	532	4,144	391	0	0
5835	Sound Recording & Reproducing Equipment	61,335	7,554	25,635	13,284	14,732	0	130
5836	Video Recording and Reproducing Equipment	10,687	2,661	3,631	3,260	1,000	0	135
5840	Radar Equip, Except Airborne	793,341	85,129	508,646	199,206	208	0	152
5841	Radar Equipment, Airborne	1,388,396	191,778	683,724	512,603	291	0	0
5845	Underwater Sound Equipment	1,566,872	0	1,565,170	500	296	722	184
5850	Visible & Invisible Light Comm Equipment	2,342	535	998	809	0	0	0
5855	Night Vision Equipment	316,207	260,040	54,348	1,744	75	0	0
5860	Stimulated Coherent Radiation Devices	7,905	6,291	165	1,386	63	0	0
5865	Elct Countermeasures & Quick Reaction Eq	1,204,509	115,122	269,298	819,976	54	59	0
5895	Miscellaneous Communication Equipment	2,113,344	1,152,807	465,734	482,801	2,659	1,680	7,663
5905	Resistors	5,207	227	1,452	1,313	2,215	0	0
5910	Capacitors	2,408	122	1,054	111	1,121	0	0
5915	Filters and Networks	19,145	1,928	11,239	2,811	3,167	0	0
5920	Fuses, Arrestors, Absorbers, & Protectors	18,315	15,377	86	1,251	1,601	0	0
5925	Circuit Breakers	13,717	249	3,849	1,287	7,805	527	0
5930	Switches	41,672	7,186	17,285	4,541	12,586	74	0
5935	Connectors Electrical	24,622	3,190	7,510	719	12,849	0	354
5940	Lugs Terminals and Terminal Strips	3,000	324	221	122	2,333	0	0
5945	Relays and Solenoids	26,473	9,143	4,890	1,629	10,771	40	0
5950	Coils and Transformers	10,802	1,450	2,103	4,051	2,984	214	0
5955	Piezoelectric Crystals	3,659	212	1,103	1,855	489	0	0
5960	Electron Tubes & Assoc Hardware	159,862	6,391	99,208	21,213	33,050	0	0
5961	Semiconductor Devices & Assoc Hardware	5,052	550	1,190	612	2,700	0	0
5962	Microcircuits - Electronic	35,013	3,746	15,161	7,303	8,803	0	0
5963	Electronic Modules	252,233	6,103	244,376	219	903	0	632
5965	Headsets, Handsets, Microphones & Speakers	14,327	439	2,463	361	11,064	0	0
5970	Elec Insulators and Insulating Material	3,252	123	1,241	70	1,818	0	0
5975	Electrical Hardware and Supplies	14,097	4,868	2,581	3,196	3,343	0	109
5977	Electrical Contact Brushes & Electrodes	2,976	538	918	261	1,259	0	0
5980	Optoelectronic Devices & Assoc Hardware	6,171	2,197	3,087	302	279	0	306
5985	Antennas, Waveguides & Related Equipment	191,035	25,438	54,403	99,001	12,084	109	0
5990	Synchros and Resolvers	9,946	1,593	3,294	1,728	3,331	0	0
5995	Cable, Cord, Wire Assemblies, Comm Equip	44,970	10,928	17,208	8,060	8,000	92	682
5998	Electrical & Elct Assys, Boards, Cards	60,860	9,979	41,383	4,524	4,974	0	0
5999	Msc Electrical and Electronic Components	328,126	64,670	208,247	52,704	1,743	624	138

TABLE 4-3
Supplies and Equipment
by DoD Component
Fiscal Year 1990

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	DoD COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
6008	Optical Multiplexers/Demultiplexers	99	0	99	0	0	0	0
6010	Fiber Optic Conductors	50	50	0	0	0	0	0
6015	Fiber Optic Cables	17,586	11,931	2,407	3,195	53	0	0
6020	Fiber Optic Cable Assemblies and Harnesses	975	453	478	0	44	0	0
6030	Fiber Optic Devices	4,411	74	1,255	2,967	45	0	70
6035	Fiber Optic Light Transfer and Image Trans	80	0	0	80	0	0	0
6060	Fiber Optic Interconnectors and Supplies	145	33	0	112	0	0	0
6070	Fiber Optic Accessories and Supplies	860	134	230	454	0	42	0
6080	Fiber Optic Kits & Sets	408	0	353	55	0	0	0
6093	Miscellaneous Fiber Optic Components	186	0	95	91	0	0	0
6105	Motors, Electrical	29,096	6,641	8,555	5,138	8,732	30	0
6110	Electrical Control Equipment	31,538	14,177	10,129	4,493	2,064	132	0
6115	Generators and Generator Sets, Electrical	151,297	4,339	55,177	95,681	1,344	3,255	179
6116	Fuel Cell Power Units and Comps	475	47	428	0	0	0	0
6117	Solar Electric Power Systems	1,266	735	530	0	0	0	0
6120	Transformers, Distribution & Power Station	8,359	344	1,739	5,345	699	232	0
6125	Converters, Electrical, Rotating	4,047	172	2,463	785	627	0	0
6130	Converters, Electrical, Nonrotating	113,417	33,865	21,535	54,530	3,487	0	0
6135	Batteries, Nonrechargeable	165,741	141,755	14,688	2,617	6,570	38	73
6140	Batteries, Rechargeable	58,758	31,827	12,096	5,083	9,752	0	0
6145	Wire and Cable, Electrical	44,986	13,623	10,095	2,005	17,713	0	1,550
6150	Misc Electric Power & Distribution Eq	59,044	7,915	27,254	15,171	3,268	3,456	1,980
6210	Electric Lighting Fixtures-indoor, Outdoor	8,302	1,759	2,386	886	3,271	0	0
6220	Electric Vehicular lights and Fixtures	21,680	8,529	1,903	6,528	4,720	0	0
6230	Electric Portable & Hand Lighting Equip	14,381	900	360	8,446	4,675	0	0
6240	Electric Lamps	7,303	14	1,264	83	5,942	0	0
6250	Ballasts, Lampholders and Starters	723	0	94	168	461	0	0
6260	Nonelectrical Lighting Fixtures	10,407	48	0	0	10,359	0	0
6310	Traffic and Transit Signal Systems	406	163	243	0	0	0	0
6320	Shipboard Alarm and Signal Systems	823	0	551	0	272	0	0
6340	Aircraft Alarm and Signal Systems	14,519	3,849	508	9,820	742	0	0
6350	Misc Alarm, Signal and Security Systems	32,576	2,315	21,139	4,871	909	1,818	1,524
6505	Drugs, Biologicals	260,068	14,985	4,441	2,385	238,257	0	0
6508	Medicated Cosmetics and Toiletries	488	26	0	0	462	0	0
6510	Surgical Dressing Materials	24,580	590	54	83	23,853	0	0
6515	Medical & Surgical Instruments, Equip & Su	91,472	16,717	4,417	8,734	61,522	0	82
6520	Dental Instruments, Equip and Supplies	7,428	2,134	231	488	4,575	0	0
6525	X-ray Equip & Sup; Medical, Dental & Vet	56,429	2,164	810	1,439	52,016	0	0
6530	Hospital Furniture, Equip, Utensils & Sup	64,058	21,952	1,920	3,878	36,408	0	0
6532	Hospital & Surgical Clothing	4,189	0	265	0	3,924	0	0
6540	Ophthalmic Instruments, Equip & Supplies	6,506	1,111	755	175	4,464	0	0
6545	Medical Sets, Kits and Outfits	18,554	1,106	310	244	17,894	0	0
6550	In Vitro Diagnostic Substances, Reagents	13,442	7,829	3,007	1,842	764	0	0
6605	Navigational Instruments	228,214	22,965	106,570	97,965	463	251	0
6610	Flight Instruments	27,325	5,333	10,782	11,004	64	75	67
6615	Automatic Pilot Mechanisms Airborne Gyro	40,177	2,182	11,496	20,145	323	31	0
6620	Engine Instruments	37,461	5,342	5,193	23,542	3,384	0	0
6625	Electrical & Elct Meas & Test Instruments	413,345	131,901	112,103	159,677	6,082	342	3,240
6630	Chemical Analysis Instruments	21,286	5,758	5,683	4,911	4,331	575	28
6635	Physical Properties Testing Equipment	31,821	4,913	8,649	16,917	1,164	178	0
6636	Environmental Chambers and Related Equip	2,901	7,173	3,078	404	210	0	0
6640	Laboratory Equipment and Supplies	43,188	16,180	10,001	3,985	12,344	551	127
6645	Time Measuring Instruments	10,839	2,569	4,027	2,155	2,045	0	43
6650	Optical Instruments, Test Equip, Comps & A	39,348	15,398	14,015	8,739	984	0	212
6655	Geophysical Instruments	1,404	73	882	216	27	206	0
6660	Meteorological Instruments and Apparatus	22,362	12,021	1,536	4,867	3,744	194	0
6665	Hazard-detecting Instruments & Apparatus	63,324	45,698	14,620	997	1,981	28	0
6670	Scales and Balances	1,989	131	270	313	1,275	0	0
6675	Drafting, Surveying & Mapping Instruments	6,064	3,009	529	1,383	426	651	67
6680	Flow, Level, Motion Measuring Instruments	26,370	3,053	9,012	8,670	5,390	121	122
6685	Pressure, Temperature & Humidity Insts	38,123	2,465	13,267	11,942	10,309	0	140
6695	Combination & Miscellaneous Instruments	27,838	5,085	15,339	6,349	424	612	29
6710	Cameras, Motion Picture	6,507	2,888	1,345	2,089	102	50	33
6720	Cameras, Still Picture	2,106	803	515	492	255	0	41
6730	Photographic Projection Equipment	5,787	1,049	2,259	1,090	1,294	0	95
6740	Photo Developing and Finishing Equip	8,913	853	1,180	6,291	186	0	403
6750	Photographic Supplies	8,966	3,577	1,705	1,305	1,906	0	473
6760	Photographic Equipment and Accessories	6,987	2,225	1,677	2,504	295	0	285
6770	Film, Processed	2,037	130	280	938	34	0	655
6780	Photographic Sets, Kits and Outfits	994	108	167	614	31	0	74
6810	Chemicals	25,973	6,072	5,434	2,347	9,613	2,507	0
6820	Dyes	96	96	0	0	0	0	0
6830	Gases, Compressed and Liquefied	24,750	2,495	8,524	1,019	12,498	214	0
6840	Pest Control Agents and Disinfectants	11,578	168	0	134	11,220	56	0
6850	Miscellaneous Chemical Specialties	53,360	3,178	1,105	4,532	44,460	85	0
6910	Training Aids	106,812	2,915	67,879	35,758	260	0	0

TABLE 4-3
Supplies and Equipment
by DoD Component
Fiscal Year 1990

(Continued)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	D O D COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
6920	Armament Training Devices	146,611	49,473	89,930	7,216	8-	0	0
6930	Operational Training Devices	450,579	41,091	141,692	267,839	57	0	0
6940	Communication Training Devices	71,445	39,070	6,576	25,710	44	0	45
7010	ADPE Configuration	769,831	132,643	177,543	275,279	11,460	13,772	159,134
7020	ADP Central Processing Unit - Analog	34,506	12,463	5,267	15,523	99	309	845
7021	ADP Central Processing Unit - Digital	158,888	48,143	61,203	43,988	159	1,362	4,033
7022	ADP Central Processing Unit - Hybrid	5,239	2,675	1,759	755	0	50	0
7025	ADP Input/output and Storage Devices	290,537	98,707	90,360	85,285	7,746	770	7,669
7030	ADP Software	195,650	22,940	33,569	58,692	61,893	1,318	17,238
7035	ADP Support Equip	261,692	18,674	147,303	65,742	16,492	3,281	10,200
7040	Punched Card Equip	2,176	1,810	282	27	0	0	57
7042	Mini & Micro Computer Control Devices	43,154	1,084	12,040	1,282	0	619	28,129
7045	ADP Supplies	88,734	7,604	32,450	41,791	4,596	828	1,465
7050	ADP Components	99,426	13,243	36,309	28,586	687	838	19,763
7105	Household Furniture	46,128	6,803	16,058	19,112	4,155	0	0
7110	Office Furniture	128,533	46,129	31,594	35,566	1,907	4,212	9,125
7125	Cabinets, Lockers, Bins and Shelving	25,570	8,175	8,472	7,453	1,470	0	0
7195	Miscellaneous Furniture and Fixtures	20,228	6,005	4,457	9,051	99	302	314
7210	Household Furnishings	21,521	1,391	2,050	2,039	16,041	0	0
7220	Floor Coverings	10,125	2,109	2,093	5,319	155	0	449
7230	Draperies, Runings and Shades	4,900	1,848	1,447	1,605	0	0	0
7240	Household and Commercial Util Containers	2,894	864	44	175	1,811	0	0
7290	Msc Household Coml Furnishings Appliances	2,434	605	1,422	148	214	45	0
7310	Food Cooking Baking Serving Equip	11,195	1,690	1,922	1,217	6,366	0	0
7320	Kitchen Equipment and Appliances	8,699	1,315	1,543	1,363	4,293	77	108
7330	Kitchen Hand Tools and Utensils	661	372	247	42	0	0	0
7340	Cutlery and Flatware	3,235	99	0	0	3,136	0	0
7350	Tableware	3,557	63	0	27	3,467	0	0
7360	Sets, Kits, Outfits, & Modules, Food Prep &	24,008	13,271	90	103	10,544	0	0
7420	Accounting and Calculating Machines	505	410	69	0	26	0	0
7430	Typewriters & Office Type Composing Mach	1,063	520	325	163	26	0	29
7435	Office Information System Equipment	2,117	170	1,549	261	0	0	137
7450	Office Type Sound Recording Repro Mach	1,457	150	346	961	0	0	0
7460	Visible Record Equipment	4,153	645	771	2,220	395	0	122
7490	Miscellaneous Office Machines	3,414	1,099	854	1,001	0	293	167
7510	Office Supplies	4,366	2,680	1,425	165	0	96	0
7520	Office Devices and Accessories	238	138	30	82-	0	152	0
7530	Stationery and Record Forms	26,109	7,480	9,554	4,859	709	0	3,507
7540	Standard Forms	357	0	357	0	0	0	0
7610	Books and Pamphlets	9,489	4,516	2,484	1,509	902	30	48
7630	Newspapers and Periodicals	4,935	1,196	409	3,003	62	171	94
7640	Maps, Atlases Charts and Globes	12,307	0	286	0	0	0	11,991
7650	Drawings and Specifications	907	334	470	44	0	59	0
7670	Microfilm Processed	3,040	932	850	978	51	229	0
7690	Miscellaneous Printed Matter	102,521	321	101,687	186	176	151	0
7710	Musical Instruments	724	289	224	211	0	0	0
7730	Phonographs, Radios, TV Sets: Home Type	812	586	26	200	0	0	0
7740	Phonograph Records	284	45	0	113	0	0	126
7810	Athletic and Sporting Equipment	3,573	1,076	2,306	156	0	0	35
7820	Games, Toys and Wheeled Goods	373	221	0	152	0	0	0
7830	Recreational and Gymnastic Equipment	5,119	739	1,612	2,374	0	394	0
7910	Floor Polishers and Vacuum Cleaners	1,617	501	353	177	586	0	0
7920	Brooms, Brushes, Mops and Sponges	3,207	0	57	45	3,105	0	0
7930	Cleaning & Polishing Compounds & Preps	57,673	681	3,953	446	52,186	0	407
8010	Paints, Dopes, Varnishes & Related Product	6,130	801	4,996	268	0	65	0
8030	Preservative and Sealing Compounds	1,083	0	1,056	27	0	0	0
8040	Adhesives	537	134	285	85	0	0	33
8105	Bags and Sacks	7,762	443	708	165	6,160	265	0
8110	Drums and Cans	7,793	641	25	111	6,982	34	0
8115	Boxes, Cartons and Crates	15,931	10,830	1,495	519	3,087	0	0
8120	Commercial & Industrial Gas Cylinders	2,076	150	365	1,031	530	0	0
8125	Bottles and Jars	259	0	0	0	259	0	0
8130	Reels and Spools	548	486	0	0	62	0	0
8135	Packaging and Packing Bulk Materials	6,358	1,380	761	450	3,649	0	118
8140	Ammunition & Nuclear Ordnance Containers	53,764	26,499	8,266	18,677	0	0	322
8145	Specialized Shipping & Storage Containers	28,663	8,580	9,124	9,859	1,216	0	116-
8305	Textile Fabrics	27,418	1,233	1,213	864	24,108	0	0
8310	Yarn and Thread	853	0	853	0	0	0	0
8315	Notions and Apparel Findings	2,204	0	0	0	2,204	0	0
8320	Padding and Stuffing Materials	39	39	0	0	0	0	0
8330	Leather	337	0	0	0	337	0	0
8340	Tents and Tarpaulins	33,223	3,009	125	195	29,894	0	0
8345	Flags and Pennants	2,631	0	0	0	2,631	0	0
8405	Outerwear, Men's	97,448	391	40	535	95,987	0	495
8410	Outerwear, Women's	30,284	239	203	538	29,304	0	0
8415	Clothing, Special Purpose	377,062	7,970	38,627	1,345	329,120	0	0

TABLE 4-3 **Supplies and Equipment** **by DoD Component** **Fiscal Year 1990**

(Concluded)

(Amounts in Thousands of Dollars)

C O D E	DESCRIPTION	DoD COMPONENT						
		TOTAL	Army	Navy	Air Force	DLA	OCE	ODA
8420	Underwear and Nightwear, Men's	21,799	108	0	0	21,691	0	0
8425	Underwear and Nightwear, Women's	12,154	12,126	0	28	0	0	0
8430	Footwear, Men's	99,850	453	2,684	890	95,823	0	0
8435	Footwear, Women's	129	50	0	79	0	0	0
8440	Hosiery, Handwear & Clothing Accy, Men's	16,337	0	0	0	16,337	0	0
8445	Hosiery Handwear & Clothing Accy, Women's	1,438	0	0	87	1,351	0	0
8450	Children's & Infant's Apparel & Accy	15,764	0	0	82	15,682	0	0
8455	Badges and Insignia	8,595	0	61	98	8,436	0	0
8460	Luggage	3,405	187	0	105	3,084	0	29
8465	Individual Equipment	6,211	16,068	3,444	91	18,744	0	0
8470	Armor, Personal	38,290	168	682	49	37,391	0	0
8475	Specialized Flight Clothing & Accessories	44,747	190	9,528	35,029	0	0	0
8510	Perfumes, Toilet Preparations and Powders	10,389	72	113	650	9,554	0	0
8520	Toilet Soap, Shaving Prep, Dentifrices	6,893	0	242	504	6,147	0	0
8530	Personal Toiletry Articles	4,535	548	996	26	2,965	0	0
8540	Toiletry Paper Products	22,645	0	2,303	4,477	15,865	0	0
8710	Forage and Feed	11,744	91	1,268	0	10,385	0	0
8720	Fertilizers	566	126	72	130	0	238	0
8730	Seeds and Nursery Stock	413	365	0	0	0	48	0
8810	Live Animals Raised for Food	247	0	247	0	0	0	0
8820	Live Animals not Raised for Food	631	294	37	0	0	0	300
8905	Meat, Poultry and Fish	560,742	3,065	2,033	19,886	535,758	0	0
8910	Dairy Foods and Eggs	151,128	23,702	7,068	969	119,389	0	0
8915	Fruits and Vegetables	146,130	25	1,342	734	144,029	0	0
8920	Bakery and Cereal Products	148,600	4,337	8,001	1,697	134,565	0	0
8925	Sugar, Confectionery and Nuts	56,626	99	1,538	1,204	53,785	0	0
8930	Jams, Jellies and Preserves	12,773	102	174	0	12,497	0	0
8935	Soups and Bouillions	7,062	0	895	790	5,377	0	0
8940	Special Dietary Foods & Specialty Prep	204,609	29	1,230	1,023	202,327	0	0
8945	Food, Oils and Fats	16,627	0	551	1,213	14,863	0	0
8950	Condiments and Related Products	38,886	73	1,719	712	36,382	0	0
8955	Coffee, Tea and Cocoa	24,263	0	350	1,438	22,475	0	0
8960	Beverages, Nonalcoholic	40,500	2,674	5,281	2,972	29,573	0	0
8970	Composite Food Packages	167,792	7,554	0	0	160,238	0	0
8975	Tobacco Products	98,835	2,317	758	41,107	54,653	0	0
8999	Food Items for Resale	144,623	95,179	41,539	7,905	0	0	0
9110	Fuels, Solid	34,949	1,107	0	528	33,314	0	0
9130	Liquid Propellants & Fuel, Petroleum Base	3,818,132	2,340	974	540	3,813,798	480	0
9135	Liquid Propellant Fuels, Chemical Base	93,163	63	0	93,100	0	0	0
9140	Fuel Oils	1,129,843	9,040	3,351	501	1,114,676	2,275	0
9150	Oils & Greases: Cutting, Lubr & Hydraulic	79,719	450	6,701	0	72,568	0	0
9160	Miscellaneous Waxes, Oils and Fats	7,785	109	0	124	7,552	0	0
9310	Paper and Paperboard	3,400	577	196	0	1,509	0	1,118
9320	Rubber Fabricated Materials	6,189	56	5,526	53	554	0	0
9330	Plastics Fabricated Materials	11,047	421	5,069	620	4,937	0	0
9340	Glass Fabricated Materials	1,713	1,060	101	95	457	0	0
9350	Refractories & Fire Surfacing Materials	1,270	0	940	0	330	0	0
9390	Misc Fabricated Nonmetallic Materials	17,029	138	1,248	14,689	604	350	0
9420	Fibers: Vegetable, Animal and Synthetic	268	268	0	0	0	0	0
9450	Nonmetallic Scrap, Except Textile	103	0	0	0	0	103	0
9505	Wire, Nonelectrical, Iron and Steel	12,163	0	199	43	656	11,265	0
9510	Bars and Rods, Iron and Steel	4,439	632	2,638	694	430	45	0
9515	Plate, Sheet, Strip & Foil: Iron and Steel	14,628	4,885	1,048	538	8,109	48	0
9520	Structural Shapes, Iron and Steel	4,241	357	1,030	749	457	1,648	0
9525	Wire, Nonelectrical, Nonferrous Base Metal	388	0	0	0	388	0	0
9530	Bars and Rods, Nonferrous Base Metal	4,934	373	3,057	111	1,393	0	0
9535	Plate Sheet Strip Foil: Nonferrous Metal	13,844	1,016	2,476	172	10,180	0	0
9540	Structural Shapes, Nonferrous Base Metal	2,404	270	319	663	356	376	420
9545	Plate Sheet Strip & Wire: Precious Metal	140	0	0	140	0	0	0
9610	Ores	92	92	0	0	0	0	0
9620	Minerals, Natural and Synthetic	109,539	1,006	0	0	107,413	1,120	0
9630	Additive Metal Materials & Master Alloys	135	81	0	0	54	0	0
9640	Iron & Steel Primary & Semifinished Prod	1,196	992	83	0	36	85	0
9650	Nonferrous Base Metal Refinery	2,482	959	78	36	1,409	0	0
9660	Precious Metals Primary Forms	151	0	151	0	0	0	0
9670	Iron and Steel Scrap	47	47	0	0	0	0	0
9905	Signs, Advertising Displays, Ident Plates	1,825	834	436	458	31	66	0
9920	Smokers' Articles and Matches	566	0	0	0	566	0	0
9925	Ecclesiastical Equip, Furnishings & Sup	38	0	38	0	0	0	0
9930	Memorials; Cemeterial & Mortuary Eq & Sup	40	0	40	0	0	0	0
9998	Nonfood Items for Resale	41,230	40,327	278	625	0	0	0
9999	Miscellaneous Items	2,181,638	347,772	89,929	1,621,736	27,067	3,599	91,515

LIST OF ABBREVIATIONS

The following abbreviations are used in this publication:

A&E	Architect and Engineer	MACH	Machine
AC	Air Conditioning	MAINT	Maintenance
ACCY	Accessory	MAP	Mapping
ACFT	Aircraft	MAT	Material
ADMIN	Administration	MEAS	Measure
ADP	Automatic Data Processing	MECH	Mechanical
ALTER	Alteration	MFG	Manufacturing
AMMO	Ammunition	MGMT	Management
ASSY	Assembly	MISC,MSL	Miscellaneous
		MM	Millimeter
BLDG(S)	Building	MSL	Missile
BTWN	Between		
		NAV	Navigational
CFT	Craft	NBS	Non-Building Structures
COML	Commercial	NUCL	Nuclear
COMM	Communications		
COMP(S)	Component	OPER	Operation
CONST	Construction	ORD	Ordnance
CONT	Continued		
CYC(S)	Cycle	PHOTO	Photographic
		PREFAB	Prefabrication
DEV	Development	PREP	Preparation
DLVRY	Delivery	PROD	Products
DR	Driven	PROF	Professional
DV	Device	PROP	Property
		PROPUL	Propulsion
ELCT	Electronic	PUB	Publication
ENG	Engine		
ENGR	Engineer	R&D	Research & Development
ENVIRON	Environment	REAC	Reactor
EPG	Electric Power Generation	RECR	Recreation
EQ,EQUIP	Equipment	REL	Related
EX	Except	REP	Representative
EXCL	Exclude	REPR	Repair
EXPLO	Explosive	REPRO	Reproduction
FAB	Fabricated	SEC	Security
FAC	Facilities	SECD	Secondary
FLTG	Floating	SIC	Standard Industrial Classification
GBL	Government Bill of Lading	SML	Small
GND	Ground	SP	Space
GOCO	Government Owned, Contractor Operated	SPEC	Special
		STA	Station
GOGO	Government Owned, Government Operated	STR	Structures
		SUP	Supply
GOVT	Government	SURG	Surgical
GTR	Government Travel Request	SV,SVC	Service
		SYS	System
HOSP	Hospital	TECH	Technical
HWY(S)	Highway	TELE	Telecommunication
		TEX	Textile
INCL	Including	TRANS	Transmission
INFO	Information	TRKS	Trucks
INST	Instrument		
INTRCNG	Interchangeable		
		UN	Unit
LAB	Laboratory	UNDWTR	Underwater
LANG	Language	UTIL	Utility
LDG	Landing		
LTHR	Leather	VEH	Vehicle
LUBR	Lubricants	VET	Veterinary
		WPN	Weapon